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Surface Water Data

# Ontario

Données sur les eaux de surface

# 1987

***INLAND WATERS DIRECTORATE***
***WATER RESOURCES BRANCH***
***WATER SURVEY OF CANADA***
***OTTAWA, CANADA, 1988***

***DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES***
***DIRECTION DES RESSOURCES EN EAU***
***DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA***
***OTTAWA, CANADA, 1988***

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## INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1987 calendar year, the results of the hydrometric survey investigations which were made in Ontario, by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Water Resources Branch,
Department of the Environment,
Federal Building,
75 Farquhar Street,
Guelph, Ontario.
N1H 3N4
(519 821-0110)

Water Resources Branch,
Department of the Environment,
521 Federal Building,
269 Main Street,
Winnipeg, Manitoba.
R3C 1B2
(204 983-2435)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3(819 997-2098).

## INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1987, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Ontario.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées.

Direction des ressources en eau
Ministère de l'Environnement
Édifice fédéral
75, rue Farquhar
Guelph (Ontario)
N1H 3N4
(519 821-0110)

Direction des ressources en eau
Ministère de l'Environnement
521 Édifice fédéral
269, rue Main
Winnipeg (Manitoba)
R3C 1B2
(204 983-2435)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3(819 997-2098).

## ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1987, the hydrometric surveys in Ontario were conducted by the Water Survey of Canada under agreement with the Province of Ontario. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Ontario, hydrometric survey operations during the years 1912 to 1919 were carried out by the Hydro-Electric Power Commission of Ontario and the results were published in the annual reports of the Commission. Commencing October 1, 1919, under the terms of a co-operative arrangement with the Commission, the Dominion Water and Power Bureau assumed the responsibility for the hydrometric and fundamental water resources investigations in the province. Although this arrangement was terminated on March 31, 1933 work was continued by the federal government under letter arrangement with the Province of Ontario and the Hydro-Electric Power Commission until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Ontario on June 12, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis and in close co-operation with Ontario Hydro, Ontario Ministry of Natural Resources and the Ontario Ministry of the Environment.

## ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1987, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Ontario en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

En Ontario, la Commission d'énergie hydro-électrique de l'Ontario a effectué entre 1912 et 1919 des relevés hydrométriques, et on a publié dans les rapports annuels de cette Commission les résultats ainsi recueillis. En vertu d'une entente de coopération conclue avec cette dernière, le Bureau fédéral de l'eau et de l'énergie a assumé, à compter du 1er octobre 1919, la responsabilité de la conduite, en Ontario, de recherches hydrométriques et de recherches fondamentales sur les ressources en eau. L'entente a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente avec la province de l'Ontario et la Commission d'énergie hydro-électrique de l'Ontario, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 12 juin 1975, le gouvernement de l'Ontario a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques, en étroite collaboration avec l'Hydro-Ontario et les ministères des Ressources naturelles et de l'Environnement de l'Ontario, et partagera le coût des mesures avec la province.

## CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

This publication includes the annual water level data for the Tides and Water Level Network in Ontario on the Great Lakes and the St. Lawrence River. These data are collected and prepared under a Memorandum of Understanding between the Environmental Conservation Service and Ocean Science and Surveys. This memorandum recognizes the need for both parties to collect and publish water level data for their respective needs of management of the water resources and navigation. Under the memorandum the Water Resources Branch operates and maintains the water level gauges owned by the Canadian Hydrographic Service and the data are prepared by the Marine Environmental Data Services Branch of Ocean Science and Surveys. The data prior to 1981 were compiled and published by the Canadian Hydrographic Service in an annual

## COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La présente publication renferme les données sur les niveaux d'eau annuels enregistrés au réseau de mesure des marées et des niveaux d'eau sur les Grands lacs et le Saint-Laurent, en Ontario. Ces données sont recueillies et préparées en vertu d'un protocole d'entente conclu entre le Service de la conservation de l'environnement et les Sciences et levés océaniques. Ce protocole reconnaît que les deux parties sont tenues de recueillir et de publier des données sur les niveaux d'eau pour leurs propres besoins de gestion des eaux et de navigation. A cette fin, la Direction des ressources en eau exploite et entretient les jauges appartenant au Service hydrographique du Canada, tandis que la Direction des services des données sur le milieu marin des Sciences et levés océaniques s'occupe de la préparation des données. Avant 1981, le Service hydrographique du Canada a compilé et publié ces données dans

publication series entitled "Water levels, Daily Means" which will continue for the stations downstream of Lac St. Pierre on the St. Lawrence and on the marine coasts.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of Fisheries and Oceans;
International Lake Superior Board of Control;
International Lake of the Woods Control Board;
International Niagara Board of Control;
International Rainy Lake Board of Control;
International St. Lawrence River Board of Control;
Ministry of Transport (Canada).

Provincial – Ontario Hydro;
Ontario Ministry of Natural Resources;
Ontario Ministry of the Environment.

Private – Abitibi-Price Inc.;
Great Lakes Power Company Limited;
Algoma Steel Corporation Limited;
Eddy Forest Products Limited;
International Nickel Company of Canada Limited;
Great Lakes Forest Products Limited;
Spruce Falls Power and Paper Company;
Ontario Minnesota Pulp and Paper Company Ltd.

le cadre d'une série annuelle intitulée: «Niveaux d'eau: Moyennes journalières», série qui continuera de paraître pour les stations situées en aval du lac St-Pierre, sur le Saint-Laurent, et sur les côtes maritimes.

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère des Pêches et Océans
Comité international de contrôle du lac Supérieur,
Comité international de contrôle du lac des Bois,
Comité international de contrôle de Niagara,
Comité international de contrôle du lac Rainy,
Comité international de contrôle du fleuve Saint-Laurent,
Ministère des Transports (Canada).

Niveau provincial – Hydro-Ontario,
Ministère des Ressources naturelles de l'Ontario,
Ministère de l'Environnement de l'Ontario.

Secteur privé – *Abitibi-Price Inc.*,
*Great Lakes Power Company Limited*,
*Algoma Steel Corporation Limited*,
*Eddy Forest Products Limited*,
*International Nickel Company of Canada Limited*,
*Great Lakes Forest Products Limited*,
*Spruce Falls Power and Paper Company*,
*Ontario Minnesota Pulp and Paper Company Limited*.

## EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 $km^2$ (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 $m^2$ (square metres)
1 ha (hectare) equals 2.4710 acres
1 $km^2$ (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 $m^3$ (cubic metre)
1 $m^3$ (cubic metre) equals 35.315 cubic feet
1 $dam^3$ (cubic decametre) equals 1000 $m^3$ (cubic metres)
1 $dam^3$ (cubic decametre) equals 1 mm (millimetre) over 1 $km^2$ (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 $dam^3$ (cubic decametres)
1 $m^3/s$ (cubic metre per second) for one day equals 86.4 $dam^3$ (cubic decametre)
1 $m^3/s$ (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 $m^3/s$ (cubic metre per second)
1 $m^3/s$ (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

## ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 $km^2$ (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 $m^2$ (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 $km^2$ (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 $m^3$ (mètre cube)
1 $m^3$ (mètre cube) vaut 35.315 pieds cubes
1 $dam^3$ (décamètre cube) vaut 1000 $m^3$ (mètres cubes)
1 $dam^3$ (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 $km^2$ (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 $dam^3$ (décamètres cubes)
1 $m^3/s$ (mètre cube par seconde) pour un jour vaut 86.4 $dam^3$ (décamètre cube)
1 $m^3/s$ (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 $m^3/s$ (mètre cube par seconde)
1 $m^3/s$ (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204 6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

## DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" ($m^3/s$) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

## PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

*Surface Water Data* have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

## DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» ($m^3/s$) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

## PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de reference des donnees sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les donnees sont fournies dans le Système international d'unites (SI) et les editions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrometriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplement de cartes hydrometriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de reference* et celle du *Supplement de cartes hydrometriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*. elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

## METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une region pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

## PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent.

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

*International Gauging Stations* – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

*Type of Gauge* – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2 *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier,
(b) le débit moyen en mètres cubes par seconde,
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde,
(b) le débit total en décamètres cubes,
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3 *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

*Stations internationales de jaugeage* (International Gauging Stations) – Dans les eaux contigues aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

*Type de jauge* (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

*Location* – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

*Drainage Area* – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

*Contributed Data* – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

*Natural Flow* or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

*Gauge Datum* – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

*Remarks* – unusual conditions which occur at a station are explained.

## REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

*Emplacement* (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

*Superficie du bassin versant* (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

*Données fournies* (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

*Débit naturel* ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

*Plan de référence des jauges* (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

*Remarques* (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

## RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

## ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship, or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

## MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

## EXACTITUDE DES DONNEES HYDROMETRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

A cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne reflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

## MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

# SURFACE WATER DATA/DONNEES SUR LES EAUX DE SURFACE

## ABITIBI RIVER AT ABITIBI CANYON - STATION NO 04HE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 194 | 259 | 210 | 183 | 359 | 270 | 215 | 207 | 121 | 170 | 195 | 177 | 1 |
| 2 | 195 | 228 | 193 | 213 | 338 | 181 | 152 | 200 | 142 | 236 | 233 | 215 | 2 |
| 3 | 235 | 252 | 218 | 179 | 244 | 261 | 135 | 214 | 215 | 227 | 240 | 208 | 3 |
| 4 | 249 | 252 | 189 | 182 | 238 | 271 | 152 | 240 | 158 | 249 | 211 | 205 | 4 |
| 5 | 231 | 252 | 205 | 118 | 226 | 248 | 137 | 385 | 163 | 240 | 272 | 208 | 5 |
| 6 | 230 | 252 | 194 | 189 | 191 | 242 | 163 | 333 | 138 | 308 | 282 | 206 | 6 |
| 7 | 207 | 252 | 208 | 188 | 187 | 169 | 158 | 278 | 132 | 354 | 278 | 212 | 7 |
| 8 | 201 | 254 | 228 | 213 | 181 | 224 | 147 | 317 | 134 | 371 | 278 | 198 | 8 |
| 9 | 215 | 252 | 187 | 187 | 188 | 201 | 178 | 239 | 185 | 359 | 277 | 202 | 9 |
| 10 | 199 | 250 | 228 | 230 | 137 | 201 | 167 | 211 | 167 | 333 | 208 | 191 | 10 |
| 11 | 250 | 226 | 204 | 286 | 222 | 281 | 112 | 187 | 189 | 257 | 237 | 230 | 11 |
| 12 | 234 | 234 | 191 | 349 | 212 | 248 | 152 | 180 | 174 | 263 | 211 | 218 | 12 |
| 13 | 226 | 217 | 215 | 282 | 181 | 208 | 179 | 231 | 163 | 234 | 185 | 205 | 13 |
| 14 | 216 | 252 | 213 | 281 | 149 | 149 | 214 | 227 | 142 | 243 | 252 | 246 | 14 |
| 15 | 227 | 244 | 142 | 280 | 84.1 | 232 | 213 | 174 | 173 | 256 | 209 | 236 | 15 |
| 16 | 234 | 198 | 191 | 278 | 89.2 | 178 | 212 | 173 | 148 | 281 | 209 | 218 | 16 |
| 17 | 185 | 222 | 158 | 404 | 138 | 176 | 206 | 234 | 145 | 273 | 201 | 229 | 17 |
| 18 | 190 | 195 | 174 | 418 | 152 | 148 | 189 | 241 | 150 | 257 | 252 | 213 | 18 |
| 19 | 233 | 240 | 181 | 438 | 156 | 181 | 154 | 226 | 180 | 414 | 259 | 189 | 19 |
| 20 | 220 | 219 | 185 | 458 | 202 | 181 | 152 | 224 | 155 | 404 | 259 | 214 | 20 |
| 21 | 220 | 224 | 183 | 386 | 172 | 212 | 183 | 226 | 187 | 386 | 248 | 230 | 21 |
| 22 | 222 | 206 | 183 | 332 | 256 | 181 | 170 | 202 | 180 | 332 | 212 | 222 | 22 |
| 23 | 221 | 236 | 206 | 371 | 183 | 174 | 231 | 182 | 140 | 334 | 216 | 231 | 23 |
| 24 | 226 | 219 | 206 | 348 | 114 | 188 | 276 | 180 | 142 | 299 | 183 | 211 | 24 |
| 25 | 167 | 184 | 142 | 350 | 247 | 148 | 388 | 204 | 147 | 249 | 208 | 181 | 25 |
| 26 | 212 | 200 | 172 | 333 | 281 | 186 | 322 | 181 | 132 | 206 | 202 | 181 | 26 |
| 27 | 180 | 211 | 186 | 241 | 237 | 138 | 265 | 190 | 171 | 228 | 202 | 188 | 27 |
| 28 | 239 | 224 | 193 | 230 | 185 | 188 | 276 | 218 | 218 | 216 | 208 | 204 | 28 |
| 29 | 248 | | 213 | 238 | 236 | 180 | 226 | 188 | 186 | 238 | 187 | 214 | 29 |
| 30 | 234 | | 228 | 348 | 232 | 173 | 263 | 172 | 174 | 203 | 218 | 214 | 30 |
| 31 | 238 | | 223 | | 178 | | 226 | 131 | | 223 | | 178 | 31 |
| TOTAL | 6 738 | 6 453 | 6 055 | 8 880 | 6 131.3 | 6 913 | 6 170 | 6 802 | 4 782 | 8 782 | 8 801 | 8 619 | TOTAL |
| MEAN | 217 | 230 | 195 | 286 | 198 | 187 | 199 | 219 | 159 | 283 | 237 | 207 | MEAN |
| MAX | 250 | 259 | 228 | 458 | 359 | 271 | 388 | 385 | 218 | 414 | 277 | 246 | MAX |
| MIN | 184 | 184 | 142 | 118 | 84.2 | 138 | 112 | 131 | 121 | 170 | 183 | 167 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 218
MAXIMUM DAILY, 458 ON APR 20
MINIMUM DAILY, 84.2 ON MAY 15

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 52 55 N
LONG 81 34 00 W
DRAINAGE AREA, 22 900 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 582 000 | JUL | 533 000 |
| FEB | 556 000 | AUG | 588 000 |
| MAR | 523 000 | SEP | 413 000 |
| APR | 742 000 | OCT | 757 000 |
| MAY | 530 000 | NOV | 686 000 |
| JUN | 611 000 | DEC | 554 000 |

TOTAL DISCHARGE, 6 880 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

## ABITIBI RIVER AT IROQUOIS FALLS - STATION NO 04MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 145 | 171 | 180 | 140 | 145 | 126 | 120 | 141 | 131 | 118 | 137 | 158 | 1 |
| 2 | 192 | 181 | 0 | 149 | 140 | 127 | 112 | 142 | 138 | 112 | 128 | 188 | 2 |
| 3 | 195 | 185 | 176 | 146 | 131 | 125 | 123 | 139 | 140 | 181 | 148 | 158 | 3 |
| 4 | 199 | 185 | 176 | 170 | 129 | 125 | 124 | 183 | 136 | 133 | 125 | 189 | 4 |
| 5 | 192 | 192 | 177 | 182 | 133 | 127 | 129 | 138 | 138 | 162 | 158 | 183 | 5 |
| 6 | 187 | 182 | 167 | 158 | 128 | 127 | 136 | 138 | 130 | 172 | 148 | 170 | 6 |
| 7 | 148 | 188 | 185 | 178 | 131 | 127 | 136 | 138 | 124 | 184 | 150 | 171 | 7 |
| 8 | 182 | 187 | 188 | 184 | 138 | 130 | 141 | 131 | 125 | 159 | 134 | 137 | 8 |
| 9 | 187 | 183 | 181 | 171 | 136 | 134 | 148 | 131 | 147 | 152 | 180 | 159 | 9 |
| 10 | 178 | 144 | 180 | 188 | 132 | 124 | 186 | 134 | 132 | 147 | 137 | 148 | 10 |
| 11 | 190 | 149 | 183 | 187 | 126 | 127 | 148 | .34 | 133 | 129 | 140 | 143 | 11 |
| 12 | 183 | 183 | 187 | 185 | 151 | 126 | 142 | 139 | 139 | 122 | 148 | 177 | 12 |
| 13 | 179 | 180 | 178 | 178 | 116 | 125 | 147 | 188 | 133 | 134 | 152 | 151 | 13 |
| 14 | 187 | 190 | 184 | 182 | 113 | 127 | 133 | 186 | 132 | 116 | 143 | 156 | 14 |
| 15 | 174 | 177 | 178 | 178 | 131 | 126 | 125 | 180 | 133 | 121 | 139 | 139 | 15 |
| 16 | 191 | 172 | 186 | 186 | 110 | 127 | 127 | 188 | 137 | 120 | 130 | 156 | 16 |
| 17 | 182 | 183 | 185 | 181 | 108 | 125 | 118 | 183 | 131 | 120 | 143 | 152 | 17 |
| 18 | 188 | 182 | 171 | 180 | 117 | 125 | 110 | 183 | 141 | 118 | 137 | 181 | 18 |
| 19 | 187 | 186 | 184 | 180 | 117 | 125 | 143 | 183 | 136 | 116 | 134 | 180 | 19 |
| 20 | 178 | 177 | 188 | 141 | 120 | 124 | 140 | 189 | 116 | 116 | 131 | 182 | 20 |
| 21 | 188 | 187 | 186 | 186 | 122 | 126 | 134 | 186 | 132 | 119 | 126 | 183 | 21 |
| 22 | 187 | 183 | 187 | 148 | 118 | 131 | 128 | 186 | 144 | 117 | 147 | 186 | 22 |
| 23 | 186 | 177 | 148 | 143 | 124 | 126 | 143 | 187 | 136 | 118 | 147 | 178 | 23 |
| 24 | 187 | 186 | 137 | 186 | 118 | 135 | 136 | 184 | 137 | 115 | 140 | 130 | 24 |
| 25 | 188 | 182 | 134 | 140 | 118 | 126 | 137 | 181 | 186 | 121 | 140 | 123 | 25 |
| 26 | 188 | 186 | 135 | 141 | 117 | 126 | 137 | 148 | 147 | 122 | 148 | 187 | 26 |
| 27 | 187 | 186 | 173 | 188 | 117 | 122 | 137 | 148 | 144 | 126 | 152 | 186 | 27 |
| 28 | 172 | 188 | 188 | 173 | 118 | 140 | 138 | 148 | 152 | 113 | 148 | 183 | 28 |
| 29 | 176 | | 183 | 304 | 130 | 126 | 141 | 188 | 142 | 122 | 134 | 183 | 29 |
| 30 | 182 | | 180 | 213 | 127 | 131 | 140 | 148 | 138 | 136 | 134 | 186 | 30 |
| 31 | 180 | | 183 | | 113 | | 141 | 141 | | 134 | | 137 | 31 |
| TOTAL | 5 609 | 4 984 | 4 993 | 5 003 | 3 866 | 3 787 | 4 181 | 4 843 | 4 088 | 4 056 | 4 239 | 4 817 | TOTAL |
| MEAN | 181 | 178 | 161 | 167 | 125 | 126 | 135 | 180 | 136 | 131 | 141 | 155 | MEAN |
| MAX | 199 | 198 | 188 | 213 | 151 | 140 | 188 | 188 | 155 | 184 | 180 | 177 | MAX |
| MIN | 145 | 144 | 0 | 140 | 108 | 120 | 110 | 131 | 116 | 112 | 125 | 123 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 149
MAXIMUM DAILY, 213 ON APR 30
MINIMUM DAILY, 0 ON MAR 2

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 45 44 N
LONG 80 40 07 W
DRAINAGE AREA, 13 300 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 485 000 | JUL | 361 000 |
| FEB | 431 000 | AUG | 401 000 |
| MAR | 431 000 | SEP | 383 000 |
| APR | 432 000 | OCT | 350 000 |
| MAY | 334 000 | NOV | 366 000 |
| JUN | 325 000 | DEC | 416 000 |

TOTAL DISCHARGE, 4 890 000 dam³

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC

REGULATED

## ABITIBI RIVER AT SMOKEWANA - STATION NO 04HE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2208 | 3228 | 279 B | 3508 | 466 | 408 | 291 | 257 | 193 | 308 | 243A | 285 | 1 |
| 2 | 1708 | 2858 | 280 B | 2208 | 419 | 369 | 230 | 239 | 181 | 288 | 301A | 284 | 2 |
| 3 | 3028 | 3708 | 272 B | 2158 | 369 | 350 | 243 | 273 | 236 | 333 | 292A | 342 | 3 |
| 4 | 3188 | 2908 | 310 B | 2198 | 353 | 351 | 206 | 256 | 261 | 330 | 250A | 330 | 4 |
| 5 | 3028 | 3308 | 205 B | 2028 | 285 | 364 | 264 | 378 | 187 | 412 | 342A | 301 | 5 |
| 6 | 2708 | 3188 | 280 B | 1758 | 314 | 351 | 252 | 411 | 234 | 424 | 298A | 308 | 6 |
| 7 | 2798 | 3508 | 170 B | 2408 | 287 | 263 | 208 | 361 | 204 | 428 | 341 | 281 | 7 |
| 8 | 2888 | 2908 | 260 B | 2808 | 263 | 315 | 234 | 362 | 160 | 468 | 334 | 306A | 8 |
| 9 | 2608 | 3058 | 257 B | 2608 | 284 | 292 | 184 | 302 | 253 | 511 | 338 | 318A | 9 |
| 10 | 2508 | 3208 | 260 B | 1778 | 224 | 311 | 323 | 311 | 181 | 428 | 344 | 239A | 10 |
| 11 | 2488 | 3308 | 178 B | 3488 | 248 | 328 | 238 | 264 | 288 | 348 | 270 | 243A | 11 |
| 12 | 3558 | 2908 | 275 B | 3808 | 301 | 341 | 180 | 217 | 337 | 348 | 308 | 278A | 12 |
| 13 | 2958 | 2708 | 245 B | 5008 | 316 | 378 | 248 | 267 | 131 | 382 | 224 | 248A | 13 |
| 14 | 2508 | 2908 | 255 B | 3808 | 238 | 338 | 253 | 362 | 207 | 312 | 384 | 328A | 14 |
| 15 | 3388 | 2808 | 270 B | 4308 | 191 | 331 | 312 | 299 | 188 | 316A | 288 | 278A | 15 |
| 16 | 3188 | 3308 | 163 B | 5608 | 174 | 284 | 272 | 208 | 227 | 311A | 308 | 318A | 16 |
| 17 | 2588 | 2808 | 340 B | 5708 | 140 | 267 | 300 | 312 | 209 | 301A | 280 | 274A | 17 |
| 18 | 2608 | 2308 | 83.0B | 5608 | 233 | 238 | 302 | 334 | 194 | 424A | 385 | 321A | 18 |
| 19 | 2228 | 2708 | 255 B | 5408 | 274 | 280 | 209 | 304 | 232 | 517A | 363 | 280A | 19 |
| 20 | 3208 | 2958 | 228 B | 748 | 202 | 278 | 230 | 271 | 177 | 508A | 388 | 249B | 20 |
| 21 | 2808 | 2908 | 228 B | 858 | 276 | 288 | 206 | 352 | 261 | 502A | 340 | 288B | 21 |
| 22 | 3088 | 2338 | 230 B | 507 | 277 | 313 | 254 | 376 | 228 | 451A | 322 | 287B | 22 |
| 23 | 2858 | 2808 | 180 B | 518 | 282 | 286 | 312 | 158 | 184 | 485A | 381 | 320B | 23 |
| 24 | 3008 | 2858 | 272 B | 476 | 241 | 188 | 287 | 192 | 192 | 331A | 288 | 270B | 24 |
| 25 | 2908 | 2908 | 270 B | 373 | 246 | 229 | 352 | 250 | 193 | 321A | 370 | 280B | 25 |
| 26 | 2188 | 2478 | 220 B | 450 | 406 | 253 | 400 | 285 | 188 | 238A | 303 | 210B | 26 |
| 27 | 2488 | 2408 | 280 B | 362 | 328 | 278 | 388 | 243 | 177 | 288A | 381 | 206B | 27 |
| 28 | 2498 | 2388 | 200 B | 342 | 285 | 244 | 385 | 236 | 260 | 328A | 287 | 211B | 28 |
| 29 | 2758 | | 240 B | 289 | 278 | 284 | 330 | 278 | 313 | 383A | 284 | 270B | 29 |
| 30 | 2888 | | 225 B | 428 | 388 | 313 | 290 | 283 | 287 | 380A | 370 | 315B | 30 |
| 31 | 2808 | | 330 B | | 342 | | 306 | 157 | | 248A | | 290B | 31 |
| TOTAL | 8 909 | 8 126 | 7 887 0 | 11 815 | 8 912 | 8 884 | 8 389 | 8 775 | 8 963 | 11 731 | 9 599 | 8 703 | TOTAL |
| MEAN | 274 | 288 | 247 | 394 | 287 | 296 | 270 | 283 | 218 | 378 | 320 | 281 | MEAN |
| MAX | 388 | 370 | 380 | 748 | 488 | 408 | 400 | 411 | 337 | 517 | 388 | 381 | MAX |
| MIN | 170 | 238 | 83 0 | 175 | 140 | 199 | 184 | 158 | 131 | 238 | 224 | 208 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 285
MAXIMUM DAILY, 748 ON APR 20
MINIMUM DAILY, 83.0B ON MAR 16
MAXIMUM INSTANTANEOUS,
947 AT 20 30 EST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 00 N
LONG 81 25 00 W
DRAINAGE AREA, 27 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 735 000 | JUL | 722 000 |
| FEB | 702 000 | AUG | 784 000 |
| MAR | 662 000 | SEP | 566 000 |
| APR | 1 020 000 | OCT | 1 010 000 |
| MAY | 770 000 | NOV | 828 000 |
| JUN | 768 000 | DEC | 762 000 |

TOTAL DISCHARGE, 9 280 000 dam³

## ABITIBI RIVER AT OTTER RAPIDS - STATION NO 04HE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 126 | 217 | 225 | 175 | 431 | 313 | 243 | 222 | 133 | 275 | 292 | 212 | 1 |
| 2 | 241 | 301 | 216 | 169 | 327 | 306 | 206 | 203 | 130 | 315 | 306 | 210 | 2 |
| 3 | 256 | 229 | 250 | 174 | 346 | 318 | 148 | 237 | 272 | 284 | 246 | 259 | 3 |
| 4 | 246 | 266 | 163 | 160 | 275 | 337 | 172 | 333 | 158 | 281 | 272 | 229 | 4 |
| 5 | 213 | 249 | 228 | 136 | 266 | 323 | 184 | 428 | 181 | 357 | 333 | 211 | 5 |
| 6 | 223 | 280 | 127 | 193 | 292 | 267 | 213 | 405 | 138 | 382 | 334 | 214 | 6 |
| 7 | 212 | 231 | 209 | 236 | 314 | 228 | 158 | 344 | 184 | 400 | 313 | 218 | 7 |
| 8 | 210 | 241 | 206 | 206 | 348 | 305 | 145 | 362 | 198 | 464 | 305 | 248 | 8 |
| 9 | 200 | 254 | 294 | 138 | 243 | 266 | 219 | 288 | 143 | 422 | 330 | 213 | 9 |
| 10 | 197 | 261 | 138 | 274 | 187 | 290 | 197 | 176 | 171 | 410 | 229 | 214 | 10 |
| 11 | 283 | 231 | 221 | 303 | 244 | 283 | 123 | 194 | 315 | 348 | 259 | 281 | 11 |
| 12 | 235 | 218 | 183 | 405 | 309 | 277 | 210 | 213 | 157 | 326 | 239 | 235 | 12 |
| 13 | 189 | 235 | 202 | 275 | 213 | 306 | 254 | 288 | 184 | 287 | 236 | 234 | 13 |
| 14 | 270 | 221 | 324 | 224 | 219 | 138 | 224 | 341 | 150 | 287 | 264 | 271 | 14 |
| 15 | 262 | 263 | 126 | 467 | 123 | 266 | 278 | 148 | 178 | 299 | 283 | 273 | 15 |
| 16 | 203 | 223 | 278 | 428 | 56 4 | 230 | 246 | 117 | 180 | 348 | 236 | 184 | 16 |
| 17 | 207 | 183 | 61 6 | 427 | 231 | 242 | 241 | 338 | 165 | 269 | 234 | 253 | 17 |
| 18 | 175 | 214 | 205 | 461 | 207 | 183 | 238 | 261 | 176 | 474 | 385 | 289 | 18 |
| 19 | 257 | 237 | 178 | 524 | 215 | 233 | 187 | 193 | 154 | 488 | 282 | 202 | 19 |
| 20 | 209 | 233 | 181 | 569 | 187 | 262 | 157 | 388 | 199 | 488 | 304 | 222 | 20 |
| 21 | 246 | 185 | 185 | 476 | 252 | 246 | 211 | 244 | 211 | 461 | 277 | 215 | 21 |
| 22 | 211 | 224 | 182 | 409 | 287 | 221 | 218 | 248 | 141 | 436 | 274 | 266 | 22 |
| 23 | 243 | 208 | 218 | 450 | 281 | 263 | 263 | 102 | 127 | 422 | 250 | 219 | 23 |
| 24 | 204 | 231 | 216 | 414 | 89 6 | 171 | 277 | 198 | 178 | 237 | 221 | 240 | 24 |
| 25 | 172 | 196 | 174 | 423 | 300 | 147 | 336 | 213 | 171 | 297 | 264 | 172 | 25 |
| 26 | 198 | 190 | 235 | 269 | 318 | 244 | 403 | 218 | 138 | 284 | 218 | 188 | 26 |
| 27 | 189 | 189 | 158 | 267 | 304 | 213 | 335 | 194 | 207 | 274 | 210 | 173 | 27 |
| 28 | 223 | 216 | 198 | 287 | 238 | 214 | 328 | 291 | 245 | 284 | 240 | 218 | 28 |
| 29 | 285 | | 178 | 308 | 284 | 271 | 287 | 157 | 272 | 311 | 200 | 257 | 29 |
| 30 | 225 | | 269 | 403 | 325 | 231 | 304 | 183 | 193 | 314 | 245 | 245 | 30 |
| 31 | 259 | | 278 | | 223 | | 287 | 150 | | 187 | | 196 | 31 |
| TOTAL | 6 869 | 6 427 | 6 186 6 | 9 662 | 7 723 0 | 7 646 | 7 314 | 7 579 | 5 409 | 10 582 | 8 023 | 6 972 | TOTAL |
| MEAN | 222 | 230 | 200 | 322 | 249 | 255 | 236 | 244 | 180 | 341 | 267 | 225 | MEAN |
| MAX | 285 | 301 | 294 | 569 | 431 | 377 | 403 | 428 | 315 | 488 | 388 | 281 | MAX |
| MIN | 126 | 183 | 61 6 | 138 | 56 4 | 139 | 123 | 102 | 127 | 187 | 200 | 156 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 248
MAXIMUM DAILY, 569 ON APR 20
MINIMUM DAILY, 56.4 ON MAY 15

DATA CONTRIBUTED BY
ONTARIO HYDRO

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 10 55 N
LONG 81 38 12 W
DRAINAGE AREA, 23 400 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 595 000 | JUL | 632 000 |
| FEB | 555 000 | AUG | 655 000 |
| MAR | 535 000 | SEP | 487 000 |
| APR | 835 000 | OCT | 914 000 |
| MAY | 667 000 | NOV | 693 000 |
| JUN | 661 000 | DEC | 602 000 |

TOTAL DISCHARGE, 7 810 000 dam³

## ABITIBI RIVER AT TWIN FALLS - STATION NO 04MC002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 108 | 141 | 167 | 75.5 | 24.0 | 56.6 | 89.5 | 85.2 | 103 | 93.4 | 79.2 | 131 | 1 |
| 2 | 164 | 149 | 141 | 87.1 | 25.8 | 53.2 | 97.2 | 92.5 | 103 | 61.6 | 82.4 | 122 | 2 |
| 3 | 169 | 157 | 184 | 104 | 39.5 | 44.2 | 95.2 | 84.2 | 113 | 89.2 | 84.3 | 120 | 3 |
| 4 | 163 | 149 | 140 | 128 | 44.8 | 56.8 | 88.1 | 81.2 | 118 | 18.1 | 70.8 | 138 | 4 |
| 5 | 145 | 149 | 181 | 108 | 55.7 | 72.3 | 91.6 | 51.7 | 110 | 13.2 | 82.3 | 124 | 5 |
| 6 | 155 | 143 | 134 | 113 | 54.6 | 72.8 | 93.4 | 79.8 | 88.5 | 15.7 | 85.8 | 142 | 6 |
| 7 | 123 | 157 | 158 | 111 | 67.6 | 72.8 | 107 | 85.5 | 96.2 | 13.2 | 82.0 | 142 | 7 |
| 8 | 136 | 157 | 168 | 84.5 | 82.1 | 72.9 | 103 | 82.2 | 88.5 | 13.2 | 95.3 | 109 | 8 |
| 9 | 171 | 138 | 159 | 46.2 | 89.5 | 72.9 | 103 | 106 | 90.6 | 21.2 | 84.8 | 121 | 9 |
| 10 | 145 | 134 | 167 | 84.0 | 87.4 | 86.2 | 131 | 105 | 73.7 | 13.2 | 90.7 | 84.3 | 10 |
| 11 | 160 | 111 | 155 | 61.4 | 78.1 | 86.3 | 138 | 104 | 80.6 | 14.6 | 107 | 104 | 11 |
| 12 | 183 | 130 | 132 | 32.0 | 84.3 | 77.5 | 110 | 104 | 82.2 | 41.9 | 108 | 113 | 12 |
| 13 | 154 | 154 | 145 | 34.0 | 74.9 | 70.3 | 78.5 | 127 | 88.7 | 34.5 | 113 | 101 | 13 |
| 14 | 139 | 158 | 150 | 26.8 | 87.5 | 78.5 | 87.1 | 134 | 94.7 | 40.8 | 111 | 104 | 14 |
| 15 | 145 | 132 | 145 | 40.9 | 79.1 | 79.2 | 73.1 | 134 | 94.8 | 85.1 | 99.5 | 107 | 15 |
| 16 | 172 | 138 | 139 | 31.0 | 78.1 | 80.5 | 85.4 | 142 | 108 | 56.4 | 83.3 | 109 | 16 |
| 17 | 167 | 145 | 123 | 52.4 | 82.0 | 78.5 | 83.2 | 142 | 98.7 | 49.7 | 101 | 111 | 17 |
| 18 | 170 | 122 | 131 | 72.2 | 77.8 | 78.4 | 84.4 | 142 | 113 | 24.4 | 107 | 115 | 18 |
| 19 | 167 | 139 | 119 | 35.6 | 78.4 | 85.0 | 76.8 | 116 | 107 | 37.3 | 81.5 | 108 | 19 |
| 20 | 148 | 144 | 146 | 31.7 | 84.7 | 78.4 | 73.0 | 117 | 96.8 | 47.9 | 89.4 | 113 | 20 |
| 21 | 154 | 150 | 129 | 48.9 | 87.8 | 78.3 | 58.1 | 134 | 105 | 45.2 | 95.8 | 110 | 21 |
| 22 | 141 | 155 | 137 | 38.1 | 73.6 | 78.4 | 63.3 | 123 | 116 | 48.8 | 84.0 | 130 | 22 |
| 23 | 143 | 144 | 124 | 46.8 | 18.7 | 78.5 | 35.7 | 114 | 116 | 84.4 | 122 | 142 | 23 |
| 24 | 162 | 159 | 81.3 | 82.4 | 43.2 | 86.2 | 21.5 | 127 | 90.8 | 81.8 | 97.6 | 84.8 | 24 |
| 25 | 170 | 136 | 73.2 | 86.0 | 41.2 | 81.8 | 38.8 | 108 | 117 | 70.7 | 107 | 70.7 | 25 |
| 26 | 171 | 153 | 83.0 | 78.8 | 48.4 | 86.2 | 80.0 | 113 | 116 | 74.8 | 105 | 113 | 27 |
| 27 | 171 | 155 | 108 | 74.7 | 56.8 | 88.1 | 88.5 | 115 | 127 | 83.9 | 122 | 130 | 27 |
| 28 | 153 | 155 | 85.2 | 81.5 | 82.5 | 80.6 | 76.9 | 127 | 138 | 86.2 | 113 | 127 | 28 |
| 29 | 161 | | 78.8 | 86.6 | 84.2 | 81.3 | 77.3 | 127 | 116 | 72.5 | 111 | 117 | 29 |
| 30 | 163 | | 70.1 | 82.9 | 85.1 | 82.2 | 81.3 | 120 | 116 | 89.4 | 99.2 | 112 | 30 |
| 31 | 158 | | 104 | | 73.7 | | 85.3 | 113 | | 87.3 | | 101 | 31 |
| TOTAL | 4 783 | 4 088 | 4 024.6 | 1 879.2 | 1 941.2 | 2 284.1 | 2 476.3 | 3 420.4 | 3 116.0 | 1 473.3 | 2 895.7 | 3 586.6 | TOTAL |
| MEAN | 154 | 146 | 130 | 62.6 | 62.6 | 76.5 | 79.9 | 110 | 104 | 47.5 | 86.5 | 116 | MEAN |
| MAX | 172 | 158 | 168 | 128 | 87.8 | 82.2 | 138 | 142 | 138 | 92.4 | 122 | 142 | MAX |
| MIN | 108 | 111 | 70.1 | 26.8 | 18.7 | 44.2 | 21.5 | 51.7 | 73.7 | 13.2 | 82.3 | 70.7 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 98.6
MAXIMUM DAILY, 172 ON JAN 16
MINIMUM DAILY, 13.2 ON OCT 5

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 45 00 N
LONG 80 35 00 W
DRAINAGE AREA, 9 980 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 413 000 | JUL | 214 000 |
| FEB | 353 000 | AUG | 295 000 |
| MAR | 348 000 | SEP | 269 000 |
| APR | 162 000 | OCT | 127 000 |
| MAY | 198 000 | NOV | 250 000 |
| JUN | 198 000 | DEC | 308 000 |

TOTAL DISCHARGE, 3 100 000 dam³

## ALBANY RIVER ABOVE MOOSONEE ISLAND - STATION NO 04SD001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 79.00 | 82.28 | 97.48 | 84.48 | 255 | 218 | 218 | 197 | 280 | 186 | 140 | 116 B | 1 |
| 2 | 78.00 | 82.00 | 97.38 | 84.68 | 260 | 215 | 210 | 196 | 278 | 163 | 140 | 114 B | 2 |
| 3 | 77.38 | 81.58 | 97.28 | 84.88 | 262 | 218 | 208 | 196 | 280 | 158 | 140 | 112 B | 3 |
| 4 | 76.68 | 81.08 | 97.18 | 85.08 | 266 | 212 | 206 | 193 | 278 | 160A | 144 | 110 B | 4 |
| 5 | 76.08 | 80.58 | 97.08 | 85.58 | 271 | 208 | 205 | 187 | 277 | 160A | 146 | 108 B | 5 |
| 6 | 75.38 | 80.28 | 96.88 | 85.58 | 275 | 205 | 201 | 183 | 275 | 170A | 147 | 106 B | 6 |
| 7 | 74.88 | 80.18 | 96.78 | 88.08 | 276 | 204 | 196 | 180 | 272 | 174A | 137 | 104 B | 7 |
| 8 | 74.08 | 80.08 | 96.68 | 89.58 | 272 | 204 | 192 | 178 | 268 | 178 | 1308 | 102 B | 8 |
| 9 | 73.38 | 80.08 | 96.58 | 71.08 | 274 | 203 | 187 | 172 | 266 | 176 | 1288 | 101 B | 9 |
| 10 | 72.88 | 99.88 | 96.48 | 73.58 | 272 | 204 | 177 | 188 | 265 | 172 | 1228 | 100 B | 10 |
| 11 | 72.08 | 99.88 | 96.48 | 76.58 | 266 | 205 | 173 | 184 | 260 | 170 | 1208 | 98.08 | 11 |
| 12 | 71.28 | 99.88 | 96.38 | 79.58 | 266 | 205 | 170 | 183 | 259 | 168 | 1188 | 97.08 | 12 |
| 13 | 70.58 | 99.48 | 96.38 | 85.08 | 265 | 213 | 178 | 182 | 257 | 160 | 1188 | 96.08 | 13 |
| 14 | 69.88 | 99.28 | 96.28 | 91.08 | 270 | 220 | 184 | 188 | 254 | 160 | 1148 | 95.08 | 14 |
| 15 | 68.88 | 98.08 | 96.18 | 96.58 | 264 | 223 | 189 | 195 | 248 | 160 | 1138 | 94.08 | 15 |
| 16 | 68.38 | 98.88 | 96.08 | 103 B | 260 | 222 | 188 | 193 | 241 | 163 | 1148 | 92.08 | 16 |
| 17 | 67.88 | 98.88 | 96.08 | 110 B | 257 | 220 | 186 | 193 | 233 | 148 | 1208 | 90.08 | 17 |
| 18 | 67.38 | 98.58 | 96.08 | 117 B | 250 | 223 | 181 | 173 | 227 | 148 | 1308 | 88.08 | 18 |
| 19 | 66.78 | 98.48 | 96.18 | 123 B | 245 | 224 | 172 | 188 | 220 | 150 | 1368 | 87.08 | 19 |
| 20 | 66.28 | 98.48 | 96.38 | 129 B | 243 | 221 | 176 | 194 | 214 | 153 | 1388 | 85.08 | 20 |
| 21 | 65.88 | 98.28 | 96.88 | 137 B | 241 | 222 | 189 | 205 | 211 | 151 | 1398 | 84.08 | 21 |
| 22 | 65.48 | 98.08 | 97.88 | 143 B | 235 | 218 | 193 | 222 | 207 | 147 | 1388 | 82.08 | 22 |
| 23 | 65.08 | 97.88 | 98.88 | 148 | 231 | 217 | 188 | 233 | 205 | 145 | 1388 | 81.08 | 23 |
| 24 | 64.78 | 97.88 | 99.88 | 153 | 232 | 224 | 203 | 237 | 199 | 143 | 1348 | 78.08 | 24 |
| 25 | 64.38 | 97.78 | 00.28 | 156 | 230 | 223 | 207 | 238 | 193 | 141 | 1318 | 76.08 | 25 |
| 26 | 64.08 | 97.78 | 01.58 | 159 | 226 | 221 | 212 | 239 | 188 | 141 | 1288 | 77.08 | 26 |
| 27 | 63.78 | 97.68 | 02.58 | 181 | 223 | 224 | 215 | 242 | 180 | 144 | 1288 | 76.08 | 27 |
| 28 | 63.48 | 97.58 | 03.38 | 209 | 221 | 228 | 212 | 244 | 175 | 144 | 1238 | 75.08 | 28 |
| 29 | 63.18 | | 03.88 | 233 | 220 | 234 | 210 | 247 | 172 | 142 | 1208 | 73.08 | 29 |
| 30 | 62.88 | | 04.08 | 245 | 223 | 231 | 205 | 256 | 169 | 143 | 1188 | 72.08 | 30 |
| 31 | 62.58 | | 04.38 | | 222 | | 200 | 271 | | 141 | | 71.08 | 31 |
| TOTAL | 2 150.1 | 1 859.5 | 1 803.5 | 3 448.3 | 7 774 | 6 490 | 6 038 | 6 152 | 7 056 | 4 832 | 3 883 | 2 843.0 | TOTAL |
| MEAN | 69.4 | 99.3 | 96.2 | 115 | 251 | 216 | 195 | 198 | 235 | 156 | 129 | 91.7 | MEAN |
| MAX | 79.0 | 82.2 | 04.3 | 245 | 276 | 234 | 216 | 271 | 280 | 175 | 147 | 118 | MAX |
| MIN | 62.5 | 97.5 | 96.0 | 84.4 | 220 | 203 | 170 | 152 | 169 | 141 | 113 | 71.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 148
MAXIMUM DAILY, 280 ON SEP 1
MINIMUM DAILY, 96.08 ON MAR 16
MAXIMUM INSTANTANEOUS
281 AT 13 59 EST ON SEP 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 30 N
LONG 88 33 50 W
DRAINAGE AREA, 33 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 186 000 | JUL | 922 000 |
| FEB | 143 000 | AUG | 832 000 |
| MAR | 186 000 | SEP | 810 000 |
| APR | 284 000 | OCT | 417 000 |
| MAY | 872 000 | NOV | 336 000 |
| JUN | 581 000 | DEC | 246 000 |

TOTAL DISCHARGE, 4 880 000 dam³

## ALBANY RIVER NEAR HAY ISLAND - STATION NO 04HA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2130 | 1490 | 1190 | 1380 | 1 230E | 1 030 | 686 | 984 | 795 | 589 | 800 | 5350 | 1 |
| 2 | 2100 | 1470 | 1180 | 1380 | 1 270A | 1 020 | 675 | 936 | 785 | 731 | 783 | 5200 | 2 |
| 3 | 2080 | 1460 | 1180 | 1400 | 1 240 | 973 | 678 | 913 | 804 | 816 | 768 | 5000 | 3 |
| 4 | 2040 | 1450 | 1180 | 1400 | 1 180 | 927 | 706 | 915 | 794 | 846 | 756 | 4900 | 4 |
| 5 | 2010 | 1430 | 1170 | 1410 | 1 130 | 892 | 723 | 939 | 772 | 880 | 764 | 4750 | 5 |
| 6 | 1990 | 1420 | 1170 | 1440 | 1 080 | 847 | 743 | 984 | 784 | 874 | 753 | 4650 | 6 |
| 7 | 1970 | 1410 | 1160 | 1500 | 1 040 | 815 | 780 | 965 | 759 | 908 | 777 | 4550 | 7 |
| 8 | 1950 | 1390 | 1150 | 1650 | 1 010 | 790 | 734 | 939 | 744 | 977 | 752 | 4400 | 8 |
| 9 | 1930 | 1380 | 1140 | 1950 | 975 | 776 | 681 | 899 | 783 | 1 070 | 659 | 4300 | 9 |
| 10 | 1910 | 1370 | 1130 | 2460 | 933 | 756 | 628 | 894 | 792 | 1 110 | 580 | 4250 | 10 |
| 11 | 1880 | 1360 | 1130 | 2900 | 907 | 890 | 681 | 813 | 798 | 1 110 | 5300 | 4200 | 11 |
| 12 | 1860 | 1350 | 1130 | 3400 | 875 | 884 | 841 | 791 | 820 | 1 090 | 4950 | 4150 | 12 |
| 13 | 1840 | 1340 | 1130 | 3900 | 845 | 893 | 975 | 793 | 829 | 1 050 | 4850 | 4100 | 13 |
| 14 | 1820 | 1330 | 1130 | 4500 | 804 | 918 | 881 | 784 | 855 | 1 010 | 4600 | 4030 | 14 |
| 15 | 1800 | 1320 | 1130 | 5400 | 799 | 977 | 747 | 793 | 903 | 981 | 4250 | 3980 | 15 |
| 16 | 1770 | 1310 | 1130 | 6200 | 789 | 982 | 831 | 785 | 936 | 930 | 4100 | 3920 | 16 |
| 17 | 1740 | 1300 | 1130 | 7000 | 772 | 952 | 863 | 814 | 943 | 918 | 4050 | 3850 | 17 |
| 18 | 1720 | 1290 | 1120 | 8000 | 751 | 895 | 877 | 863 | 904 | 906 | 4020 | 3780 | 18 |
| 19 | 1700 | 1280 | 1120 | 9200 | 726 | 836 | 829 | 1 110 | 856 | 883 | 4250 | 3700 | 19 |
| 20 | 1680 | 1270 | 1120 | 1 0008 | 701 | 786 | 789 | 1 200 | 808 | 1 030 | 4550 | 3820 | 20 |
| 21 | 1660 | 1260 | 1130 | 1 1108 | 882 | 740 | 784 | 1 200 | 783 | 1 080 | 5008 | 3530 | 21 |
| 22 | 1640 | 1250 | 1140 | 1 2108 | 874 | 887 | 785 | 1 170 | 726 | 1 080 | 5700 | 3470 | 22 |
| 23 | 1620 | 1240 | 1150 | 1 2908 | 873 | 854 | 822 | 1 140 | 891 | 1 040 | 6250 | 3420 | 23 |
| 24 | 1610 | 1230 | 1190 | 1 3508 | 702 | 827 | 890 | 1 120 | 862 | 993 | 6350 | 3370 | 24 |
| 25 | 1590 | 1220 | 1230 | 1 4008 | 785 | 802 | 971 | 1 090 | 834 | 945 | 6408 | 3320 | 25 |
| 26 | 1570 | 1210 | 1270 | 1 3808 | 899 | 896 | 1 130 | 1 040 | 804 | 895 | 6250 | 3270 | 26 |
| 27 | 1550 | 1200 | 1320 | 1 3308 | 989 | 881 | 1 230 | 990 | 575 | 881 | 6108 | 3208 | 27 |
| 28 | 1530 | 1200 | 1340 | 1 2708 | 1 020 | 893 | 1 240 | 938 | 949 | 856 | 5908 | 3118 | 28 |
| 29 | 1520 | | 1360 | 1 2208 | 1 030 | 827 | 1 210 | 888 | 929 | 838 | 5708 | 3038 | 29 |
| 30 | 1510 | | 1380 | 1 2008 | 1 030 | 873 | 1 140 | 848 | 936 | 829 | 5558 | 2978 | 30 |
| 31 | 1500 | | 1390 | | 1 030 | | 1 070 | 808 | | 815 | | 2928 | 31 |
| TOTAL | 5 522 | 3 723 | 3 883 | 30 406 | 28 977 | 24 332 | 25 952 | 28 396 | 22 700 | 28 931 | 17 754 | 12 234 | TOTAL |
| MEAN | 178 | 133 | 119 | 980 | 922 | 808 | 824 | 948 | 787 | 933 | 582 | 395 | MEAN |
| MAX | 213 | 148 | 139 | 1 400 | 1 270 | 1 030 | 1 240 | 1 200 | 943 | 1 110 | 800 | 535 | MAX |
| MIN | 150 | 120 | 113 | 139 | 873 | 881 | 841 | 788 | 828 | 589 | 402 | 292 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 610
MAXIMUM DAILY 1 400E ON APR 25
MINIMUM DAILY 1120 ON MAR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 19 30 N
LONG 83 52 20 W
DRAINAGE AREA 118 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1934

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 477 000 | JUL | 2 210 000 |
| FEB | 322 000 | AUG | 2 540 000 |
| MAR | 318 000 | SEP | 1 980 000 |
| APR | 1 760 000 | OCT | 2 500 000 |
| MAY | 2 670 000 | NOV | 1 530 000 |
| JUN | 2 090 000 | DEC | 1 060 000 |

TOTAL DISCHARGE, 19 200 000 dam³

## ALDER CREEK NEAR NEW DUNDEE - STATION NO 02EA030

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 193 | 0 0818 | 0 4008 | 0 574 | 0 096 | 0 267 | 0 046 | 0 046 | 0 043 | 0 078 | 0 139 | 0 322 | 1 |
| 2 | 0 185 | 0 0808 | 0 3008 | 0 531 | 0 096 | 0 225 | 0 046 | 0 544 | 0 048 | 0 097 | 0 121 | 0 227 | 2 |
| 3 | 0 172 | 0 1008 | 0 2388 | 0 449 | 0 087 | 0 149 | 1 36 | 0 261 | 0 044 | 0 103 | 0 126 | 0 202 | 3 |
| 4 | 0 1688 | 0 0978 | 0 2208 | 0 455 | 0 083 | 0 099 | 0 426 | 0 105 | 0 044 | 0 092 | 0 121 | 0 183 | 4 |
| 5 | 0 160 | 0 0948 | 0 2208 | 3 27 | 0 090 | 0 088 | 0 133 | 0 070 | 0 042 | 0 083 | 0 111 | 0 146 | 5 |
| 6 | 0 148 | 0 0918 | 0 3508 | 1 37 | 0 082 | 0 078 | 0 158 | 0 069 | 0 040 | 0 078 | 0 111 | 0 122 | 6 |
| 7 | 0 147 | 0 0898 | 0 5008 | 0 723 | 0 077 | 0 070 | 0 196 | 0 065 | 0 044 | 0 138 | 0 106 | 0 111 | 7 |
| 8 | 0 147 | 0 0878 | 0 7008 | 0 426 | 0 073 | 0 072 | 1 09 | 0 061 | 0 043 | 0 183 | 0 127 | 0 131 | 8 |
| 9 | 0 150 | 0 0858 | 1 00 B | 0 352 | 0 084 | 0 075 | 0 333 | 0 336 | 0 048 | 0 096 | 0 193 | 0 422 | 9 |
| 10 | 0 142 | 0 0838 | 0 7008 | 0 282 | 0 081 | 0 078 | 0 187 | 0 170 | 0 044 | 0 078 | 0 143 | 0 419 | 10 |
| 11 | 0 125 | 0 0828 | 0 383 | 0 217 | 0 086 | 0 088 | 0 186 | 0 087 | 0 101 | 0 068 | 0 111 | 0 281 | 11 |
| 12 | 0 126 | 0 0818 | 0 276 | 0 367 | 0 085 | 0 092 | 0 090 | 0 076 | 0 156 | 0 070 | 0 108 | 0 282 | 12 |
| 13 | 0 141 | 0 0808 | 0 2408 | 0 493 | 0 084 | 0 082 | 0 084 | 0 068 | 0 140 | 0 078 | 0 108 | 0 263 | 13 |
| 14 | 0 149 | 0 0798 | 0 2188 | 0 331 | 0 118 | 0 047 | 0 212 | 0 070 | 0 082 | 0 082 | 0 100 | 0 205 | 14 |
| 15 | 0 250 | 0 0788 | 0 2508 | 0 278 | 0 193 | 0 045 | 0 110 | 0 058 | 0 081 | 0 088 | 0 089 | 0 232 | 15 |
| 16 | 0 282 | 0 0788 | 0 2808 | 0 247 | 0 112 | 0 054 | 0 086 | 0 048 | 0 058 | 0 083 | 0 088 | 0 300 | 16 |
| 17 | 0 223 | 0 0788 | 0 3238 | 0 211 | 0 076 | 0 049 | 0 072 | 0 065 | 0 113 | 0 073 | 0 086 | 0 224 | 17 |
| 18 | 0 158 | 0 0778 | 0 4278 | 0 174 | 0 087 | 0 048 | 0 088 | 0 051 | 0 122 | 0 070 | 0 105 | 0 207 | 18 |
| 19 | 0 1278 | 0 0778 | 0 580 | 0 185 | 0 108 | 0 050 | 0 058 | 0 047 | 0 084 | 0 086 | 0 093 | 0 189 | 19 |
| 20 | 0 1198 | 0 0768 | 0 657 | 0 148 | 0 110 | 0 049 | 0 156 | 0 045 | 0 087 | 0 087 | 0 089 | 1 30 | 20 |
| 21 | 0 1118 | 0 0788 | 0 709 | 0 135 | 0 107 | 0 043 | 0 087 | 0 042 | 0 183 | 0 088 | 0 088 | 0 953 | 21 |
| 22 | 0 1058 | 0 0808 | 0 695 | 0 125 | 0 089 | 0 189 | 0 068 | 0 038 | 0 108 | 0 107 | 0 080 | 0 484 | 22 |
| 23 | 0 1008 | 0 0858 | 0 628 | 0 140 | 0 079 | 0 158 | 0 082 | 0 030 | 0 124 | 0 180 | 0 081 | 0 341 | 23 |
| 24 | 0 0988 | 0 0908 | 0 518 | 0 153 | 0 088 | 0 083 | 0 115 | 0 028 | 0 093 | 0 273 | 0 099 | 0 277 | 24 |
| 25 | 0 0938 | 0 0948 | 0 611 | 0 134 | 0 087 | 0 070 | 0 303 | 0 033 | 0 078 | 0 324 | 0 928 | 1 23 | 25 |
| 26 | 0 0908 | 0 0928 | 0 575 | 0 108 | 0 078 | 0 067 | 0 097 | 0 034 | 0 068 | 0 143 | 0 850 | 0 622 | 26 |
| 27 | 0 0888 | 0 0908 | 0 550 | 0 115 | 0 076 | 0 059 | 0 066 | 0 045 | 0 087 | 0 442 | 0 425 | 0 301 | 27 |
| 28 | 0 0868 | 0 0888 | 0 422 | 0 125 | 0 067 | 0 051 | 0 057 | 0 043 | 0 081 | 0 339 | 0 278 | 0 200 | 28 |
| 29 | 0 0848 | | 0 339 | 0 116 | 0 058 | 0 059 | 0 060 | 0 040 | 0 081 | 0 231 | 0 542 | 0 1758 | 29 |
| 30 | 0 0838 | | 0 896 | 0 084 | 0 084 | 0 053 | 0 055 | 0 034 | 0 084 | 0 179 | 0 485 | 0 1558 | 30 |
| 31 | 0 0828 | | 0 583 | | 0 117 | | 0 050 | 0 040 | | 0 138 | | 0 141 | 31 |
| TOTAL | 4 297 | 3 389 | 14 886 | 11 298 | 3 721 | 3 575 | 5 080 | 3 749 | 3 350 | 4 184 | 5 202 | 10 631 | TOTAL |
| MEAN | 0 139 | 0 085 | 0 483 | 0 377 | 0 088 | 0 086 | 0 186 | 0 089 | 0 078 | 0 135 | 0 207 | 0 343 | MEAN |
| MAX | 0 282 | 0 100 | 1 00 | 3 27 | 0 193 | 0 267 | 1 36 | 0 544 | 0 183 | 0 442 | 0 850 | 1 30 | MAX |
| MIN | 0 082 | 0 078 | 0 218 | 0 084 | 0 051 | 0 042 | 0 046 | 0 028 | 0 040 | 0 086 | 0 080 | 0 111 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 193
MAXIMUM DAILY 3 27 ON APR 5
MINIMUM DAILY 0 028 ON AUG 24
MAXIMUM INSTANTANEOUS
6 89 AT 16 56 EST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 19 N
LONG 80 33 06 W
DRAINAGE AREA 49 7 km²

B ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 371 | JUL | 525 |
| FEB | 205 | AUG | 236 |
| MAR | 1 290 | SEP | 203 |
| APR | 976 | OCT | 361 |
| MAY | 235 | NOV | 536 |
| JUN | 322 | DEC | 919 |

TOTAL DISCHARGE, 5 080 dam³

## ANABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK - STATION NO 02JE019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 308 | 4 788 | 4 008 | 42 3 | 16 4 | 10 8 | 7 55 | 3 80 | 4 11 | 3 82 | 6 83 | 5 61 | 1 |
| 2 | 5 358 | 4 798 | 4 128 | 39 5 | 16 2 | 11 0 | 7 85 | 3 95 | 4 01 | 3 94 | 6 27 | 9 83 | 2 |
| 3 | 5 348 | 4 798 | 4 188 | 36 0 | 14 9 | 11 2 | 7 89 | 3 93 | 3 89 | 4 12 | 5 94 | 9 46 | 3 |
| 4 | 5 338 | 4 798 | 4 108 | 32 5 | 13 3 | 10 8 | 7 76 | 4 32 | 3 82 | 4 01 | 5 81 | 9 19 | 4 |
| 5 | 5 328 | 4 788 | 4 008 | 31 1 | 13 1 | 10 4 | 7 79 | 4 45 | 3 76 | 3 81 | 6 08 | 9 07 | 5 |
| 6 | 5 308 | 4 788 | 3 908 | 34 5 | 12 9 | 9 84 | 7 84 | 4 36 | 3 71 | 3 76 | 6 19 | 8 73 | 6 |
| 7 | 5 288 | 4 778 | 3 958 | 36 0 | 12 7 | 9 63 | 7 33 | 4 21 | 3 89 | 3 72 | 6 02 | 8 26 | 7 |
| 8 | 5 258 | 5 208 | 4 108 | 35 2 | 12 6 | 10 9 | 8 18 | 4 15 | 3 88 | 3 78 | 5 87 | 8 14 | 8 |
| 9 | 5 208 | 5 608 | 4 408 | 35 1 | 12 8 | 14 1 | 9 21 | 3 95 | 3 86 | 3 81 | 5 82 | 9 15 | 9 |
| 10 | 5 188 | 5 808 | 4 758 | 36 5 | 12 8 | 15 4 | 9 89 | 3 82 | 3 72 | 3 90 | 5 31 | 10 6 | 10 |
| 11 | 5 158 | 5 808 | 4 708 | 37 8 | 12 7 | 14 0 | 9 83 | 3 78 | 3 89 | 3 78 | 5 24 | 11 5 | 11 |
| 12 | 5 108 | 5 808 | 4 658 | 36 8 | 12 3 | 13 9 | 9 07 | 3 74 | 3 58 | 3 75 | 5 11 | 11 6 | 12 |
| 13 | 5 088 | 5 758 | 4 408 | 34 9 | 12 3 | 14 4 | 8 88 | 3 85 | 3 83 | 3 84 | 5 05 | 11 8 | 13 |
| 14 | 5 078 | 5 788 | 4 308 | 32 5 | 12 1 | 13 5 | 8 87 | 3 57 | 3 56 | 3 58 | 5 00 | 11 2 | 14 |
| 15 | 5 068 | 5 778 | 4 208 | 31 6 | 12 4 | 12 2 | 9 09 | 4 23 | 3 44 | 3 47 | 4 88 | 11 3 | 15 |
| 16 | 5 088 | 5 778 | 4 108 | 30 8 | 12 3 | 11 3 | 8 85 | 8 85 | 3 45 | 3 50 | 4 85 | 11 8 | 16 |
| 17 | 5 058 | 5 788 | 4 078 | 30 1 | 12 3 | 10 4 | 8 88 | 8 85 | 3 38 | 3 48 | 4 87 | 11 6 | 17 |
| 18 | 5 058 | 5 708 | 4 088 | 29 6 | 12 7 | 9 89 | 8 51 | 8 01 | 3 30 | 3 50 | 5 46 | 11 3 | 18 |
| 19 | 5 038 | 5 618 | 4 208 | 28 8 | 12 8 | 9 82 | 8 48 | 5 28 | 3 42 | 3 48 | 8 01 | 11 3 | 19 |
| 20 | 5 028 | 5 508 | 4 508 | 27 9 | 12 3 | 9 23 | 8 80 | 5 06 | 3 82 | 3 44 | 5 88 | 11 1 | 20 |
| 21 | 5 018 | 5 408 | 5 108 | 27 1 | 11 7 | 9 02 | 8 69 | 4 72 | 3 88 | 3 50 | 5 47 | 11 0 | 21 |
| 22 | 5 018 | 5 208 | 5 908 | 26 1 | 12 0 | 8 83 | 8 40 | 4 83 | 3 97 | 3 81 | 5 03 | 11 3 | 22 |
| 23 | 5 018 | 5 058 | 6 008 | 25 6 | 12 0 | 8 45 | 8 26 | 4 87 | 3 82 | 3 70 | 5 19 | 11 3 | 23 |
| 24 | 5 008 | 4 808 | 13 5 | 25 5 | 11 9 | 8 24 | 8 22 | 4 43 | 3 62 | 4 07 | 5 83 | 11 3 | 24 |
| 25 | 4 988 | 4 808 | 21 3 | 24 8 | 11 7 | 7 84 | 8 46 | 4 19 | 3 37 | 5 51 | 5 88 | 11 6 | 25 |
| 26 | 4 958 | 4 608 | 28 3 | 19 0 | 11 6 | 7 70 | 8 68 | 4 07 | 3 23 | 6 10 | 7 15 | 11 5 | 26 |
| 27 | 4 858 | 4 108 | 31 0 | 12 6 | 12 1 | 7 80 | 8 38 | 3 97 | 3 08 | 6 21 | 7 10 | 11 4 | 27 |
| 28 | 4 818 | 4 008 | 31 5 | 11 8 | 12 3 | 7 85 | 8 27 | 3 94 | 3 13 | 6 84 | 7 00 | 10 9 | 28 |
| 29 | 4 818 | | 31 4 | 14 1 | 11 7 | 7 76 | 8 15 | 3 83 | 3 28 | 6 96 | 7 23 | 10 8 E | 29 |
| 30 | 4 808 | | 28 8 | 16 0 | 11 2 | 7 93 | 8 08 | 3 84 | 3 90 | 6 83 | 8 19 | 10 7 E | 30 |
| 31 | 4 798 | | 46 0 | | 10 8 | | 3 91 | 4 18 | | 6 82 | | 10 6 E | 31 |
| TOTAL | 157 54 | 145 00 | 345 50 | 694.0 | 390 5 | 313 26 | 185.78 | 136 50 | 107 75 | 134 14 | 182 97 | 328 24 | TOTAL |
| MEAN | 5 08 | 5 18 | 11 2 | 23 1 | 12 6 | 10 4 | 8.35 | 4 40 | 3 59 | 4 33 | 5 09 | 10 6 | MEAN |
| MAX | 5 36 | 5 80 | 46 0 | 42.3 | 16 4 | 15 4 | 7 85 | 8 85 | 4 11 | 6 96 | 7 19 | 11 6 | MAX |
| MIN | 4 79 | 4 00 | 3 90 | 11 9 | 10 8 | 7 80 | 3.91 | 3 57 | 3 08 | 3 44 | 4 95 | 8 14 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 05
MAXIMUM DAILY, 46 0 ON MAR 31
MINIMUM DAILY, 3 08 ON SEP 27
MAXIMUM INSTANTANEOUS,
47 0 AT 04 58 EST ON MAR 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 00 N
LONG 78 52 45 W
DRAINAGE AREA, 1 130 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 13 600 | JUL | 14 300 |
| FEB | 12 500 | AUG | 11 800 |
| MAR | 29 900 | SEP | 9 310 |
| APR | 77 200 | OCT | 11 800 |
| MAY | 33 700 | NOV | 15 800 |
| JUN | 27 100 | DEC | 28 400 |

TOTAL DISCHARGE 285 000 dam³

## ANCASTER CREEK AT ANCASTER - STATION NO 02HB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 095 | 0 073 | 0 306 | 0 194 | 0 080 | 0 047 | 0 065 | 0 051 | 0 061 | 0 055 | 0 081 | 0 086 | 1 |
| 2 | 0 093 | 0 071 | 0 258 | 0 174 | 0 076 | 0 043 | 0 063 | 0 329 | 0 063 | 0 081 | 0 081 | 0 088 | 2 |
| 3 | 0 086 | 0 080 | 0 184 | 0 177 | 0 079 | 0 043 | 0 079 | 0 126 | 0 059 | 0 081 | 0 082 | 0 085 | 3 |
| 4 | 0 091 | 0 080 | 0 134 | 0 256 | 0 078 | 0 040 | 0 114 | 0 089 | 0 059 | 0 057 | 0 062 | 0 082 | 4 |
| 5 | 0 082 | 0 076 | 0 110 | 1 07 | 0 076 | 0 036 | 0 085 | 0 069 | 0 060 | 0 056 | 0 060 | 0 074 | 5 |
| 6 | 0 081 | 0 076 | 0 178 | 0 649 | 0 069 | 0 039 | 0 063 | 0 051 | 0 061 | 0 060 | 0 057 | 0 071 | 6 |
| 7 | 0 096 | 0 078 | 0 526 | 0 320 | 0 065 | 0 039 | 0 056 | 0 213 | 0 063 | 0 068 | 0 058 | 0 089 | 7 |
| 8 | 0 091 | 0 083 | 0 438 | 0 172 | 0 062 | 0 047 | 0 063 | 0 133 | 0 076 | 0 076 | 0 066 | 0 078 | 8 |
| 9 | 0 083 | 0 080 | 0 191 | 0 155 | 0 060 | 0 042 | 0 068 | 0 788 | 0 076A | 0 067 | 0 076 | 0 110 | 9 |
| 10 | 0 088 | 0 076 | 0 101 | 0 136 | 0 062 | 0 034 | 0 058 | 0 181 | 0 076E | 0 062 | 0 061 | 0 083 | 10 |
| 11 | 0 088 | 0 074 | 0 092 | 0 127 | 0 062 | 0 034 | 0 053 | 0 084 | 0 073A | 0 063 | 0 058 | 0 077 | 11 |
| 12 | 0 082 | 0 070 | 0 095 | 0 201 | 0 067 | 0 046 | 0 046 | 0 080 | 0 084 | 0 063 | 0 059 | 0 093 | 12 |
| 13 | 0 079 | 0 073 | 0 095 | 0 165 | 0 058 | 0 080 | 0 072 | 0 076 | 0 066 | 0 066 | 0 060 | 0 073 | 13 |
| 14 | 0 094 | 0 087 | 0 092 | 0 131 | 0 111 | 0 040 | 0 137 | 0 084 | 0 063 | 0 058 | 0 060 | 0 084 | 14 |
| 15 | 0 162 | 0 087 | 0 089 | 0 129 | 0 100 | 0 035 | 0 068 | 0 059 | 0 054 | 0 051 | 0 058 | 0 282 | 15 |
| 16 | 0 130 | 0 087 | 0 090 | 0 128 | 0 090 | 0 035 | 0 058 | 0 052 | 0 054 | 0 057 | 0 058 | 0 184 | 16 |
| 17 | 0 087 | 0 087 | 0 090 | 0 117 | 0 084 | 0 034 | 0 048 | 0 050 | 0 084 | 0 072 | 0 079 | 0 103 | 17 |
| 18 | 0 080 | 0 088 | 0 088 | 0 116 | 0 078 | 0 034 | 0 046 | 0 053 | 0 095 | 0 082 | 0 077 | 0 086 | 18 |
| 19 | 0 0798 | 0 068 | 0 083 | 0 106 | 0 076 | 0 032 | 0 058 | 0 048 | 0 090 | 0 054 | 0 064 | 0 087 | 19 |
| 20 | 0 0788 | 0 073 | 0 087 | 0 103 | 0 068 | 0 032 | 0 247 | 0 043 | 0 102 | 0 056 | 0 067 | 0 384 | 20 |
| 21 | 0 078 | 0 068 | 0 082 | 0 095 | 0 063 | 0 035 | 0 063 | 0 038 | 0 119 | 0 074 | 0 083 | 0 167 | 21 |
| 22 | 0 080 | 0 069 | 0 084 | 0 085 | 0 071 | 0 713 | 0 054 | 0 043 | 0 091 | 0 084 | 0 081 | 0 104 | 22 |
| 23 | 0 077 | 0 071 | 0 081 | 0 088 | 0 065 | 0 167 | 0 046 | 0 038 | 0 073 | 0 090 | 0 085 | 0 100 | 23 |
| 24 | 0 068 | 0 068 | 0 078 | 0 096 | 0 063 | 0 084 | 0 048 | 0 041 | 0 068 | 0 102 | 0 088 | 0 097 | 24 |
| 25 | 0 071 | 0 070 | 0 112 | 0 091 | 0 058 | 0 082 | 0 056 | 0 037 | 0 081 | 0 082 | 0 345 | 0 104 | 25 |
| 26 | 0 087 | 0 070 | 0 121 | 0 090 | 0 058 | 0 118 | 0 102 | 0 043 | 0 082 | 0 082 | 0 184 | 0 090 | 26 |
| 27 | 0 086 | 0 074 | 0 096 | 0 092 | 0 054 | 0 070 | 0 055 | 0 059 | 0 080 | 0 105 | 0 091 | 0 079 | 27 |
| 28 | 0 071 | 0 087 | 0 089 | 0 096 | 0 051 | 0 092 | 0 049 | 0 051 | 0 059 | 0 087 | 0 083 | 0 075 | 28 |
| 29 | 0 074 | | 0 088 | 0 092 | 0 054 | 0 079 | 0 048 | 0 055 | 0 060 | 0 087 | 0 274 | 0 088 | 29 |
| 30 | 0 078 | | 0 178 | 0 083 | 0 050 | 0 084 | 0 109 | 0 055 | 0 062 | 0 056 | 0 133 | 0 069 | 30 |
| 31 | 0 075 | | 0 171 | | 0 048 | | 0 078 | 0 065 | | 0 081 | | 0 075 | 31 |
| TOTAL | 2 885 | 2 044 | 4 530 | 5 507 | 2 081 | 2 269 | 2 334 | 3 154 | 2 097 | 2 126 | 2 610 | 3 263 | TOTAL |
| MEAN | 0 086 | 0 073 | 0 146 | 0 184 | 0 086 | 0 076 | 0 075 | 0 102 | 0 070 | 0 068 | 0 087 | 0 105 | MEAN |
| MAX | 0 162 | 0 087 | 0 526 | 1 07 | 0 111 | 0 713 | 0 247 | 0 788 | 0 119 | 0 105 | 0 345 | 0 384 | MAX |
| MIN | 0 068 | 0 067 | 0 076 | 0 083 | 0 048 | 0 032 | 0 048 | 0 037 | 0 053 | 0 051 | 0 057 | 0 068 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 085
MAXIMUM DAILY, 1 07 ON APR 6
MINIMUM DAILY, 0 032 ON JUN 19
MAXIMUM INSTANTANEOUS,
3 31 AT 11 58 EST ON AUG 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 52 N
LONG 79 58 24 W
DRAINAGE AREA, 9 14 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 230 | JUL | 202 |
| FEB | 177 | AUG | 273 |
| MAR | 381 | SEP | 181 |
| APR | 476 | OCT | 184 |
| MAY | 178 | NOV | 228 |
| JUN | 188 | DEC | 282 |

TOTAL DISCHARGE, 3 000 dam³

REMARKS - STATION ACTIVATED AUG 7 1986

## ASHEWEIG RIVER AT STRAIGHT LAKE - STATION NO. 04DB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50.2B | 34.6B | 23.6B | 17.3B | 43.0E | 135 | 78.2 | 53.7 | 48.6 | 113 | 85.6 | 66.0B | 1 |
| 2 | 49.6B | 34.6B | 23.3B | 17.1B | 50.0E | 131 | 76.1 | 53.3 | 48.9 | 107 | 86.4 | 67.0B | 2 |
| 3 | 49.2B | 34.0B | 23.0B | 17.1B | 57.5E | 128 | 75.2 | 52.8 | 50.1 | 109 | 86.0 | 66.0B | 3 |
| 4 | 48.6B | 33.6B | 22.7B | 17.1B | 64.5E | 130 | 74.7 | 52.3 | 50.6 | 105 | 85.5 | 65.5B | 4 |
| 5 | 48.0B | 33.2B | 22.3B | 17.0B | 70.0E | 126 | 73.7 | 50.6 | 51.5 | 104 | 87.5 | 66.0B | 5 |
| 6 | 47.5B | 32.7B | 22.0B | 17.0B | 88.5E | 120 | 72.8 | 48.6 | 53.4 | 107 | 105 | 64.5B | 6 |
| 7 | 47.0B | 32.2B | 21.7B | 17.0B | 103 E | 117 | 72.7 | 47.8 | 57.3 | 107 | 102 | 64.0B | 7 |
| 8 | 46.5B | 31.6B | 21.4B | 17.0E | 109 E | 114 | 72.2 | 48.1 | 59.5 | 103 | 97.4 | 62.0B | 8 |
| 9 | 46.0B | 31.3B | 21.1B | 17.1E | 118 E | 112 | 71.2 | 46.7 | 62.4 | 98.8 | 92.7 | 61.0B | 9 |
| 10 | 45.5B | 31.0B | 20.8B | 17.2E | 130 E | 110 | 70.0 | 47.4 | 65.6 | 97.2 | 92.0 | 60.0B | 10 |
| 11 | 45.0B | 30.6B | 20.5B | 17.2E | 142 E | 107 | 68.5 | 47.0 | 70.4 | 95.4 | 92.4 | 58.5B | 11 |
| 12 | 44.5B | 30.1B | 20.3B | 17.3E | 152 E | 105 | 68.2 | 46.3 | 73.1 | 93.3 | 92.7 | 57.0B | 12 |
| 13 | 44.0B | 29.6B | 20.0B | 17.4E | 162 E | 103 | 67.4 | 47.9 | 78.4 | 92.1 | 91.9 | 56.0B | 13 |
| 14 | 43.5B | 29.4B | 19.7B | 17.5E | 167 | 101 | 67.7 | 47.4 | 88.5 | 91.6 | 91.9 | 54.8B | 14 |
| 15 | 43.0B | 29.0B | 19.4B | 17.7E | 172 | 100 | 67.4 | 47.0 | 92.7 | 92.5 | 91.2 | 53.7B | 15 |
| 16 | 42.5B | 28.6B | 19.2B | 18.0E | 172 | 98.5 | 66.9 | 46.5 | 98.5 | 88.1 | 91.4 | 52.5B | 16 |
| 17 | 42.0B | 28.2B | 18.9B | 18.5E | 174 | 90.4 | 67.4 | 46.7 | 98.4 | 87.6 | 91.4 | 51.5B | 17 |
| 18 | 41.5B | 27.8B | 18.7B | 19.2E | 173 | 87.1 | 67.3 | 45.9 | 102 | 88.4 | 91.4 | 50.5B | 18 |
| 19 | 41.0B | 27.4B | 18.5B | 20.0E | 171 | 84.6 | 66.5 | 45.8 | 102 | 89.7 | 92.0B | 49.5B | 19 |
| 20 | 40.5B | 27.0B | 18.4B | 21.2E | 169 | 82.3 | 64.6 | 46.7 | 104 | 90.5 | 84.0B | 49.0B | 20 |
| 21 | 40.0B | 26.7B | 18.2B | 22.2E | 168 | 78.6 | 65.1 | 46.5 | 106 | 89.3 | 86.0B | 48.0B | 21 |
| 22 | 39.5B | 26.4B | 18.1B | 23.7E | 167 | 76.4 | 65.0 | 43.9 | 110 | 87.6 | 85.0B | 47.2B | 22 |
| 23 | 39.0B | 26.0B | 18.0B | 25.2E | 163 | 75.1 | 65.1 | 43.9 | 112 | 86.9 | 84.0B | 46.5B | 23 |
| 24 | 38.5B | 25.7B | 17.9B | 26.8E | 160 | 75.7 | 64.3 | 44.5 | 116 | 86.4 | 81.0B | 45.8B | 24 |
| 25 | 38.0B | 25.3B | 17.6B | 28.0E | 158 | 76.3 | 63.8 | 43.9 | 116 | 84.7 | 78.0B | 45.0B | 25 |
| 26 | 37.5B | 25.0B | 17.7B | 29.6E | 153 | 75.0 | 62.2 | 43.5 | 113 | 84.8 | 76.0B | 44.7B | 26 |
| 27 | 37.0B | 24.6B | 17.6B | 31.5E | 150 | 73.0 | 60.8 | 42.5 | 113 | 85.6 | 74.0B | 44.0B | 27 |
| 28 | 36.6B | 24.2B | 17.5B | 33.5E | 146 | 80.4 | 59.6 | 42.1 | 113 | 87.1 | 72.0B | 43.4B | 28 |
| 29 | 36.2B | | 17.4B | 36.0E | 143 | 78.7 | 57.5 | 43.7 | 113 | 85.6 | 70.5B | 43.0B | 29 |
| 30 | 35.8B | | 17.3B | 39.6E | 141 | 78.0 | 56.1 | 44.1 | 113 | 84.5 | 69.0B | 42.5B | 30 |
| 31 | 35.3B | | 17.2B | | 138 | | 55.0 | 46.4 | | 84.7 | | 42.0B | 31 |
| TOTAL | 1 319.2 | 820.5 | 810.2 | 851.1 | 4 176.5 | 2 988.5 | 2 083.6 | 1 484.7 | 2 580.9 | 2 907.6 | 2 488.9 | 1 868.3 | TOTAL |
| MEAN | 42.6 | 29.3 | 19.7 | 21.7 | 135 | 99.6 | 67.2 | 46.9 | 86.0 | 93.8 | 82.9 | 53.8 | MEAN |
| MAX | 50.2 | 34.6 | 23.6 | 39.6 | 174 | 138 | 78.2 | 53.7 | 116 | 112 | 105 | 66.0 | MAX |
| MIN | 35.3 | 24.2 | 17.2 | 17.0 | 43.0 | 75.0 | 55.0 | 42.1 | 48.6 | 84.4 | 69.0 | 42.0 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.0
MAXIMUM DAILY, 174 ON MAY 17
MINIMUM DAILY, 17.08 ON APR 6
MAXIMUM INSTANTANEOUS
176 AT 13 30 EST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 43 00 N
LONG 87 56 40 W
DRAINAGE AREA, 7 950 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 114 000 | JUL | 180 000 |
| FEB | 70 900 | AUG | 128 000 |
| MAR | 69 700 | SEP | 223 000 |
| APR | 86 300 | OCT | 251 000 |
| MAY | 361 000 | NOV | 215 000 |
| JUN | 258 000 | DEC | 144 000 |

TOTAL DISCHARGE, 2 050 000 dam³

## ATIKOKAN RIVER AT ATIKOKAN - STATION NO. 05PB018

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.58B | 1.48B | 1.34B | 1.52 | 0.911 | 1.34 | 0.495 | 2.50 | 1.77 | 1.67 | 1.45 | 1.31 | 1 |
| 2 | 1.56B | 1.45B | 1.34B | 1.42 | 0.870 | 1.30 | 0.578 | 3.06 | 1.74 | 1.63 | 1.45 | 1.25 | 2 |
| 3 | 1.56B | 1.44B | 1.34B | 1.44 | 0.831 | 1.62 | 0.682 | 3.46 | 1.84 | 1.62 | 1.45 | 1.22 | 3 |
| 4 | 1.56B | 1.44B | 1.34B | 1.45 | 0.807 | 1.50 | 0.611 | 2.76 | 1.60 | 1.56 | 1.48 | 1.22 | 4 |
| 5 | 1.56B | 1.43B | 1.33B | 1.49 | 0.784 | 1.54 | 0.482 | 2.16 | 1.63 | 1.52 | 1.44 | 1.27 | 5 |
| 6 | 1.56B | 1.43B | 1.33B | 1.50 | 0.810 | 1.45 | 0.470 | 1.82 | 1.93 | 1.52 | 1.45 | 1.29 | 6 |
| 7 | 1.56B | 1.42B | 1.32B | 1.53 | 0.744 | 1.35 | 0.853 | 1.56 | 2.00 | 1.50 | 1.44 | 1.32 | 7 |
| 8 | 1.56B | 1.42B | 1.31B | 1.51 | 0.731 | 1.23 | 0.572 | 1.40 | 1.91 | 1.49 | 1.39 | 1.34 | 8 |
| 9 | 1.56B | 1.41B | 1.31B | 1.45 | 0.735 | 1.19 | 0.597 | 1.28 | 1.84 | 1.53 | 1.35 | 1.41 | 9 |
| 10 | 1.56B | 1.41B | 1.30B | 1.47 | 0.727 | 1.12 | 0.828 | 1.25 | 1.81 | 1.50 | 1.30 | 1.40 | 10 |
| 11 | 1.56B | 1.41B | 1.29B | 1.48 | 0.726 | 1.10 | 0.859 | 1.35 | 1.90 | 1.51 | 1.35 | 1.40 | 11 |
| 12 | 1.56B | 1.40B | 1.28B | 1.44 | 0.713 | 1.05 | 0.896 | 3.47 | 2.18 | 1.53 | 1.36 | 1.40 | 12 |
| 13 | 1.56B | 1.40B | 1.28B | 1.42 | 0.738 | 1.03 | 0.724 | 3.82 | 2.26 | 1.49 | 1.36 | 1.40 | 13 |
| 14 | 1.56B | 1.40B | 1.28B | 1.44 | 0.773 | 0.958 | 0.807 | 3.13 | 2.27 | 1.46 | 1.32 | 1.38 | 14 |
| 15 | 1.56B | 1.40B | 1.27B | 1.42 | 0.747 | 0.886 | 0.787 | 2.67 | 2.19 | 1.43 | 1.30 | 1.37 | 15 |
| 16 | 1.56B | 1.39B | 1.28B | 1.37 | 0.833 | 0.855 | 0.758 | 3.46 | 2.00 | 1.47 | 1.48 | 1.36 | 16 |
| 17 | 1.55B | 1.39B | 1.28B | 1.36 | 1.05 | 0.818 | 0.752 | 4.16 | 1.90 | 1.43 | 1.58 | 1.34 | 17 |
| 18 | 1.54B | 1.39B | 1.26 | 1.34 | 1.09 | 0.785 | 0.745 | 3.80 | 1.83 | 1.43 | 1.52 | 1.35 | 18 |
| 19 | 1.53B | 1.38B | 1.28 | 1.31 | 0.891 | 0.739 | 0.880 | 3.33 | 1.92 | 1.40 | 1.46 | 1.34 | 19 |
| 20 | 1.52B | 1.38B | 1.33 | 1.29 | 0.890 | 0.735 | 0.888 | 2.90 | 2.07 | 1.40 | 1.23 | 1.34 | 20 |
| 21 | 1.51B | 1.38B | 1.44 | 1.27 | 1.50 | 0.705 | 1.01 | 2.63 | 2.06 | 1.38 | 1.43 | 1.39 | 21 |
| 22 | 1.50B | 1.38B | 1.54 | 1.28 A | 2.54 | 0.687 | 0.913 | 3.44 | 2.05 | 1.37 | 1.43 | 1.34 | 22 |
| 23 | 1.50B | 1.37B | 1.55 | 1.26 E | 2.83 | 0.687 | 1.12 | 3.28 | 1.93 | 1.40 | 1.45 | 1.31 | 23 |
| 24 | 1.50B | 1.36B | 1.54 | 1.21 E | 2.40 | 0.826 | 1.32 | 2.06 | 1.85 | 1.43 | 1.38 | 1.31 | 24 |
| 25 | 1.49B | 1.36B | 1.57 | 1.18 E | 2.02 | 0.823 | 1.34 | 1.93 | 1.78 | 1.42 | 1.34 | 1.30 | 25 |
| 26 | 1.48B | 1.35B | 1.55 | 1.15 E | 1.94 | 0.813 | 1.27 | 1.83 | 1.78 | 1.47 | 1.38 | 1.28 | 26 |
| 27 | 1.48B | 1.35B | 1.53 | 1.11 E | 1.89 | 0.810 | 1.14 | 1.85 | 1.75 | 1.51 | 1.40 | 1.27 | 27 |
| 28 | 1.47B | 1.34B | 1.52 | 1.07 E | 1.72 | 0.984 | 1.04 | 1.77 | 1.71 | 1.54 | 1.42 | 1.28 | 28 |
| 29 | 1.47B | | 1.52 | 0.998A | 1.56 | 0.943 | 0.988 | 1.75 | 1.69 | 1.55 | 1.40 | 1.29 | 29 |
| 30 | 1.48B | | 1.52 | 0.933 | 1.49 | 0.895 | 0.951 | 1.89 | 1.64 | 1.52 | 1.37 | 1.28 | 30 |
| 31 | 1.46B | | 1.50 | | 1.39 | | 0.958 | 1.80 | | 1.50 | | 1.26 | 31 |
| TOTAL | 47.42 | 39.14 | 42.84 | 40.091 | 38.282 | 28.809 | 25.309 | 76.57 | 56.57 | 46.17 | 42.10 | 41.13 | TOTAL |
| MEAN | 1.53 | 1.40 | 1.38 | 1.34 | 1.23 | 0.960 | 0.816 | 2.47 | 1.89 | 1.49 | 1.40 | 1.33 | MEAN |
| MAX | 1.56 | 1.45 | 1.57 | 1.53 | 2.54 | 1.54 | 1.34 | 4.16 | 2.27 | 1.67 | 1.58 | 1.41 | MAX |
| MIN | 1.46 | 1.34 | 1.26 | 0.933 | 0.713 | 0.895 | 0.470 | 1.25 | 1.60 | 1.37 | 1.23 | 1.22 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.44
MAXIMUM DAILY, 4.16 ON AUG 17
MINIMUM DAILY, 0.470 ON JUL 6
MAXIMUM INSTANTANEOUS
4.27 AT 18 31 CST ON AUG 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 07 N
LONG 91 35 02 W
DRAINAGE AREA, 332 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 100 | JUL | 2 190 |
| FEB | 3 380 | AUG | 6 620 |
| MAR | 3 700 | SEP | 4 890 |
| APR | 3 460 | OCT | 3 990 |
| MAY | 3 310 | NOV | 3 640 |
| JUN | 2 490 | DEC | 3 550 |

TOTAL DISCHARGE, 45 300 dam³

## ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE - STATION NO 04FB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 90.5B | 72.5B | 57.5B | 48.4B | 344 | 330 | 229 | 147 | 315 | 208 | 180 | 124 B | 1 |
| 2 | 90.0B | 71.8B | 57.0B | 48.4B | 379 | 312 | 224 | 147 | 336 | 211 | 178 | 122 B | 2 |
| 3 | 89.0B | 71.0B | 56.5B | 48.3B | 407 | 301 | 222 | 147 | 331 | 209 | 176 | 120 B | 3 |
| 4 | 88.0B | 70.5B | 56.0B | 48.3B | 432 | 298 | 217 | 146 | 327 | 206 | 177 | 117 B | 4 |
| 5 | 87.0B | 70.0B | 55.8B | 48.4B | 452 | 293 | 210 | 145 | 321 | 201 | 173 | 115 B | 5 |
| 6 | 86.0B | 69.5B | 55.3B | 48.5B | 466 | 286 | 202 | 142 | 317 | 203 | 162 | 113 B | 6 |
| 7 | 85.5B | 69.0B | 54.9B | 48.8B | 479 | 277 | 196 | 144 | 315 | 206 | 167 | 112 B | 7 |
| 8 | 85.0B | 68.5B | 54.8B | 48.8B | 486 | 270 | 190 | 142 | 320 | 207 | 162 | 110 B | 8 |
| 9 | 84.5B | 68.0B | 54.2B | 49.0B | 487 | 263 | 184 | 141 | 320 | 208 | 160 | 108 B | 9 |
| 10 | 83.5B | 67.5B | 53.8B | 49.5B | 481 | 255 | 180 | 140 | 318 | 204 | 160 | 106 B | 10 |
| 11 | 83.0B | 67.0B | 53.4B | 50.5B | 480 | 247 | 178 | 142 | 315 | 201 | 166 | 104 B | 11 |
| 12 | 82.0B | 66.5B | 53.0B | 51.5B | 473 | 240 | 179 | 146 | 312 | 198 | 175 | 103 B | 12 |
| 13 | 81.5B | 66.0B | 52.8B | 52.5B | 465 | 245 | 187 | 149 | 308 | 197 | 168 | 102 B | 13 |
| 14 | 81.0B | 65.5B | 52.2B | 54.0B | 460 | 243 | 194 | 149 | 302 | 195 | 167 | 100 B | 14 |
| 15 | 80.5B | 65.0B | 51.8B | 55.5B | 459 | 238 | 196 | 148 | 294 | 192 | 172 | 99.0B | 15 |
| 16 | 80.0B | 64.5B | 51.4B | 57.0B | 453 | 234 | 194 | 147 | 288 | 190 | 186 | 97.5B | 16 |
| 17 | 79.5B | 64.0B | 51.0B | 59.0B | 438 | 231 | 192 | 169 | 278 | 191 | 182 | 96.0B | 17 |
| 18 | 79.0B | 63.5B | 50.8B | 62.0B | 428 | 229 | 188 | 194 | 270 | 191 | 1815 | 94.5B | 18 |
| 19 | 78.5B | 63.0B | 50.5B | 65.0B | 416 | 218 | 184 | 213 | 263 | 190 | 1585 | 93.0B | 19 |
| 20 | 78.0B | 62.5B | 50.2B | 69.5B | 404 | 215 | 182 | 227 | 256 | 188 | 1548 | 92.0B | 20 |
| 21 | 77.5B | 62.0B | 50.0B | 75.0B | 383 | 212 | 178 | 236 | 250 | 188 | 1528 | 90.5B | 21 |
| 22 | 77.0B | 61.4B | 49.8B | 83.5B | 388 | 211 | 174 | 248 | 245 | 187 | 1488 | 89.5B | 22 |
| 23 | 77.0B | 60.7B | 49.8B | 94.0B | 381 | 211 | 171 | 257 | 239 | 187 | 1458 | 88.5B | 23 |
| 24 | 76.5B | 60.0B | 49.4B | 108 B | 370 | 215 | 168 | 265 | 235 | 186 | 1428 | 87.0B | 24 |
| 25 | 76.2B | 59.5B | 49.2B | 125 B | 359 | 215 | 166 | 272 | 232 | 183 | 1398 | 86.0B | 25 |
| 26 | 75.8B | 59.0B | 49.0B | 146 | 351 | 215 | 165 | 278 | 228 | 181 | 1378 | 85.0B | 26 |
| 27 | 75.0B | 58.5B | 48.9B | 178 | 344 | 219 | 162 | 278 | 226 | 180 | 1348 | 84.0B | 27 |
| 28 | 74.5B | 58.0B | 48.8B | 222 | 341 | 226 | 160 | 278 | 223 | 181 | 1328 | 83.0B | 28 |
| 29 | 74.0B | | 48.6B | 284 | 339 | 228 | 157 | 278 | 218 | 180 | 1308 | 82.0B | 29 |
| 30 | 73.5B | | 48.5B | 306 | 333 | 231 | 153 | 285 | 212 | 181 | 1278 | 81.0B | 30 |
| 31 | 73.0B | | 48.5B | | 325 | | 150 | 300 | | 181 | | 80.0B | 31 |
| TOTAL | 2 502.1 | 1 824.9 | 1 812.5 | 2 686.2 | 12 813 | 7 396 | 5 732 | 6 095 | 6 408 | 6 008 | 4 813 | 3 084.5 | TOTAL |
| MEAN | 80.7 | 65.2 | 52.0 | 86.9 | 413 | 247 | 185 | 197 | 280 | 194 | 160 | 99.5 | MEAN |
| MAX | 90.5 | 72.5 | 57.5 | 308 | 487 | 330 | 229 | 300 | 331 | 211 | 186 | 124 | MAX |
| MIN | 73.0 | 58.0 | 48.5 | 48.3 | 325 | 211 | 150 | 140 | 212 | 180 | 137 | 80.0 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 172
MAXIMUM DAILY, 487 ON MAY 9
MINIMUM DAILY, 48.3B ON APR 3
MAXIMUM INSTANTANEOUS,
489 AT 22 58 EST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 05 15 N
LONG 87 04 42 W
DRAINAGE AREA, 24 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 316 000 | JUL | 495 000 |
| FEB | 186 000 | AUG | 527 000 |
| MAR | 139 000 | SEP | 736 000 |
| APR | 230 000 | OCT | 519 000 |
| MAY | 1 110 000 | NOV | 416 000 |
| JUN | 639 000 | DEC | 285 000 |

TOTAL DISCHARGE, 5 440 000 dam³

## ATTAWAPISKAT RIVER BELOW MUKETEI RIVER - STATION NO 04FC001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 123 B | 78.5B | 62.2B | 86.0B | 488 | 480 | 345 | 187 | 586 | 288 | 286 | 1888 | 1 |
| 2 | 120 B | 77.5B | 62.0B | 86.0B | 533 | 449 | 350 | 179 | 526 | 285 | 303 | 1849 | 2 |
| 3 | 117 B | 76.5B | 62.0B | 86.0B | 551 | 431 | 348 | 183 | 552 | 283 | 283 | 1818 | 3 |
| 4 | 115 B | 75.5B | 61.9B | 86.5B | 578 | 419 | 347 | 183 | 557 | 287 | 277 | 1788 | 4 |
| 5 | 113 B | 75.0B | 61.6B | 86.2B | 592 | 404 | 350 | 192 | 548 | 283 | 261 | 1758 | 5 |
| 6 | 111 B | 74.0B | 61.3B | 84.2B | 594 | 385 | 342 | 184 | 519 | 283 | 2658 | 1738 | 6 |
| 7 | 109 B | 73.5B | 61.0B | 84.0B | 607 | 366 | 323 | 195 | 586 | 303 | 2508 | 1708 | 7 |
| 8 | 108 B | 72.5B | 60.6B | 84.0B | 617 | 373 | 307 | 191 | 572 | 323 | 2468 | 1678 | 8 |
| 9 | 106 B | 71.5B | 60.5B | 84.5B | 617 | 360 | 288 | 191 | 556 | 343 | 2428 | 1648 | 9 |
| 10 | 105 B | 70.5B | 60.4B | 87.0B | 616 | 350 | 272 | 191 | 548 | 346 | 2388 | 1618 | 10 |
| 11 | 103 B | 70.0B | 60.2B | 89.5B | 638 | 338 | 248 | 191 | 538 | 348 | 2348 | 1588 | 11 |
| 12 | 101 B | 69.5B | 60.0B | 73.0B | 633 | 328 | 233 | 182 | 538 | 342 | 2328 | 1568 | 12 |
| 13 | 99.5B | 69.0B | 59.9B | 77.0B | 643 | 317 | 227 | 194 | 541 | 335 | 2288 | 1538 | 13 |
| 14 | 98.0B | 68.5B | 59.8B | 82.0B | 651 | 309 | 251 | 208 | 540 | 326 | 2278 | 1518 | 14 |
| 15 | 97.0B | 68.0B | 59.7B | 90.0B | 668 | 308 | 278 | 220 | 531 | 321 | 2258 | 1488 | 15 |
| 16 | 95.5B | 67.5B | 59.5B | 100 B | 656 | 304 | 303 | 222 | 514 | 323 | 2308 | 1468 | 16 |
| 17 | 94.0B | 67.0B | 59.4B | 112 B | 646 | 298 | 312 | 227 | 498 | 318 | 2428 | 1448 | 17 |
| 18 | 93.0B | 66.5B | 59.3B | 127 B | 632 | 288 | 306 | 265 | 470 | 310 | 2488 | 1418 | 18 |
| 19 | 92.0B | 66.0B | 59.2B | 156 B | 611 | 277 | 302 | 384 | 448 | 307 | 2508 | 1388 | 19 |
| 20 | 90.5B | 65.5B | 59.0B | 193 B | 587 | 268 | 292 | 480 | 432 | 303 | 2478 | 1378 | 20 |
| 21 | 89.5B | 65.1B | 58.9B | 260 B | 556 | 263 | 281 | 533 | 414 | 302 | 2388 | 1358 | 21 |
| 22 | 88.0B | 64.7B | 58.8B | 330 B | 536 | 254 | 271 | 565 | 398 | 298 | 2328 | 1348 | 22 |
| 23 | 87.0B | 64.3B | 58.8B | 400 B | 522 | 247 | 265 | 605 | 380 | 295 | 2288 | 1328 | 23 |
| 24 | 86.0B | 64.0B | 58.5B | 420 B | 504 | 243 | 258 | 643 | 364 | 292 | 2238 | 1308 | 24 |
| 25 | 84.5B | 63.6B | 63.0B | 406 B | 491 | 243 | 243 | 648 | 345 | 288 | 2188 | 1278 | 25 |
| 26 | 83.0B | 63.5B | 63.8B | 389 | 473 | 260 | 237 | 641 | 332 | 287 | 2128 | 1258 | 26 |
| 27 | 82.0B | 63.0B | 64.3B | 335 | 461 | 281 | 224 | 620 | 323 | 285 | 2068 | 1238 | 27 |
| 28 | 81.0B | 62.5B | 64.8B | 321 | 455 | 289 | 215 | 591 | 317 | 276 | 2018 | 1218 | 28 |
| 29 | 80.5B | | 65.0B | 378 | 463 | 313 | 212 | 566 | 304 | 267 | 1978 | 1208 | 29 |
| 30 | 79.5B | | 65.5B | 438 | 457 | 332 | 203 | 553 | 297 | 256 | 1938 | 1188 | 30 |
| 31 | 79.0B | | 66.0B | | 460 | | 195 | 552 | | 264 | | 1168 | 31 |
| TOTAL | 3 010.5 | 1 933.4 | 1 902.8 | 5 394.2 | 17 477 | 9 763 | 8 636 | 11 026 | 14 580 | 9 467 | 7 183 | 4 597 | TOTAL |
| MEAN | 97.1 | 69.1 | 61.4 | 180 | 564 | 325 | 278 | 368 | 486 | 305 | 239 | 148 | MEAN |
| MAX | 123 | 78.5 | 66.0 | 438 | 668 | 480 | 350 | 648 | 667 | 346 | 303 | 188 | MAX |
| MIN | 79.0 | 62.5 | 58.5 | 84.0 | 453 | 242 | 195 | 179 | 297 | 276 | 193 | 118 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 280
MAXIMUM DAILY, 667 ON SEP 4
MINIMUM DAILY, 58.5B ON MAR 16
MAXIMUM INSTANTANEOUS,
684 AT 04:00 EST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 05 30 N
LONG 86 00 30 W
DRAINAGE AREA, 38 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 280 000 | JUL | 745 000 |
| FEB | 167 000 | AUG | 853 000 |
| MAR | 164 000 | SEP | 1 280 000 |
| APR | 466 000 | OCT | 816 000 |
| MAY | 1 510 000 | NOV | 619 000 |
| JUN | 843 000 | DEC | 397 000 |

TOTAL DISCHARGE, 8 200 000 dam³

## AUBINADONG RIVER ABOVE SESABIC CREEK - STATION NO. 02CB003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.508 | 5.608 | 4.808 | 12 58 | 24 7 | 19.3 | 8.33 | 3 76 | 2.40 | 1 62 | 5 80 | 8.67 | 1 |
| 2 | 6.308 | 5.788 | 4 588 | 12 08 | 23 0 | 21.7 | 7 72 | 3 79 | 2.18 | 2 45 | 5 68 | 8.308 | 2 |
| 3 | 6 108 | 5 758 | 4 558 | 11 98 | 21 3 | 24 0 | 7 40 | 3 77 | 2 02 | 3 95 | 5 65 | 7 708 | 3 |
| 4 | 6.008 | 5.708 | 4.808 | 12 38 | 19.8 | 22 9 | 7 18 | 3 82 | 1 95 | 4 19 | 5 95 | 7.208 | 4 |
| 5 | 7.908 | 5.858 | 4.488 | 13 08 | 18.8 | 20 7 | 6.84 | 3 65 | 1.81 | 4 27 | 6 25 | 6.808 | 5 |
| 6 | 7.618 | 5.608 | 4.558 | 14 4 | 17.8 | 19 1 | 6 44 | 3 51 | 1 74 | 3 77 | 6 27 | 6.508 | 6 |
| 7 | 7.788 | 5 558 | 4.658 | 15 2 | 16.5 | 17 7 | 6 22 | 3 27 | 1 69 | 3 53 | 6 29 | 6 408 | 7 |
| 8 | 7.708 | 5.608 | 4.608 | 16 1 | 15.6 | 16.5 | 5 85 | 3 09 | 1 54 | 3.33 | 6 22 | 6.508 | 8 |
| 9 | 7 808 | 5 458 | 4.958 | 17 8 | 14.8 | 15.5 | 5 77 | 2 84 | 1 50 | 3.28 | 6 04 | 7.208 | 9 |
| 10 | 7.588 | 5.408 | 4.908 | 21 1 | 14.1 | 14.8 | 5.54 | 2 84 | 1 56 | 3.29 | 5 85 | 8.208 | 10 |
| 11 | 7 508 | 5.358 | 4.808 | 27 5 | 13.3 | 14.2 | 5.34 | 2 68 | 1.60 | 3.20 | 5 68 | 8.91 | 11 |
| 12 | 7.488 | 5.308 | 4.708 | 35 2 | 12.7 | 14.3 | 5.29 | 2 64 | 1.60 | 3.15 | 5 67 | 9.25 | 12 |
| 13 | 7.408 | 5.268 | 4.658 | 39.8 | 12.2 | 14.2 | 5.20 | 2.40 | 1.60 | 3.15 | 5 51 | 9 43 | 13 |
| 14 | 7.408 | 5.228 | 4.558 | 40.9 | 11.7 | 13.8 | 4.85 | 2.33 | 1.65 | 3.06 | 5 51 | 9.108 | 14 |
| 15 | 7.308 | 5.208 | 4.458 | 43.0 | 11.2 | 13.9 | 4.72 | 2.42 | 1.64 | 3.03 | 5 42 | 9.008 | 15 |
| 16 | 7.108 | 5.188 | 4.438 | 44.5 | 10.9 | 13.8 | 4.49 | 2.50 | 1.63 | 3.14 | 5.34 | 8.908 | 16 |
| 17 | 7.068 | 5.178 | 4.398 | 46.0 | 11.8 | 13.0 | 4.34 | 2.80 | 1.56 | 3.80 | 6.04 | 8.708 | 17 |
| 18 | 6.958 | 5.108 | 4.378 | 43.4 | 13.6 | 12.1 | 4.38 | 2.57 | 1.45 | 5.43 | 6.94 | 8.608 | 18 |
| 19 | 6.908 | 5.058 | 4.308 | 40.8 | 15.0 | 11.3 | 4.82 | 2.87 | 1.50 | 6.59 | 7.68 | 8.508 | 19 |
| 20 | 6.708 | 5.008 | 4.258 | 38.4 | 15.2 | 10.8 | 5.08 | 2.81 | 1.62 | 6.93 | 7.84 | 8.508 | 20 |
| 21 | 6.608 | 4.958 | 4.308 | 36.4 | 15.0 | 9.79 | 5.05 | 3.29 | 1.63 | 7.25 | 7.008 | 8.408 | 21 |
| 22 | 6.508 | 4.908 | 4.358 | 35.2 | 16.8 | 9.15 | 4.76 | 3.52 | 1.66 | 6.85 | 6.608 | 8.308 | 22 |
| 23 | 6.408 | 4.858 | 4.408 | 34.0 | 20.7 | 8.68 | 4.48 | 3.22 | 1.65 | 6.70 | 7.408 | 8.208 | 23 |
| 24 | 6.358 | 4.808 | 4.508 | 33.4 | 23.0 | 8.12 | 4.34 | 2.78 | 1.58 | 6.47 | 7.808 | 8.108 | 24 |
| 25 | 6.308 | 4.758 | 5.008 | 31.9 | 23.1 | 8.34 | 4.34 | 2.47 | 1.49 | 6.27 | 7.508 | 8.008 | 25 |
| 26 | 6.208 | 4.708 | 5.808 | 30.4 | 22.8 | 8.80 | 4.19 | 2.28 | 1.39 | 5.98 | 7.108 | 7.908 | 26 |
| 27 | 6.108 | 4.708 | 6.708 | 29.2 | 23.4 | 10.3 | 3.98 | 2.14 | 1.37 | 6.04 | 6.908 | 7.808 | 27 |
| 28 | 6.058 | 4.858 | 7.808 | 28.1 | 23.3 | 10.1 | 3.76 | 2.01 | 1.40 | 6.03 | 6.908 | 7.708 | 28 |
| 29 | 6.008 | | 9.308 | 27.1 | 22.3 | 9.52 | 3.84 | 1.87 | 1.51 | 6.05 | 7.508 | 7.608 | 29 |
| 30 | 5.958 | | 11.0 8 | 25.8 | 21.0 | 8.85 | 3.84 | 2.10 | 1.44 | 6.04 | 8.37 | 7.508 | 30 |
| 31 | 5.858 | | 12.7 8 | | 19.8 | | 3.87 | 2.42 | | 5.90 | | 7.408 | 31 |
| TOTAL | 219.26 | 146.30 | 167.49 | 856.2 | 545.2 | 415.86 | 181.56 | 88.06 | 49.36 | 143.73 | 194.50 | 249.47 | TOTAL |
| MEAN | 7.07 | 5.23 | 5.40 | 28.5 | 17.6 | 13.9 | 5.21 | 2.84 | 1.65 | 4.64 | 6.48 | 8.05 | MEAN |
| MAX | 8.50 | 5.80 | 12.7 | 46.0 | 24.7 | 24.0 | 8.33 | 3.82 | 2.40 | 7.25 | 8.37 | 9.43 | MAX |
| MIN | 5.85 | 4.65 | 4.25 | 11.9 | 10.8 | 8.12 | 3.84 | 1.87 | 1.37 | 1.62 | 5.34 | 6.40 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.87
MAXIMUM DAILY, 46.0 ON APR 17
MINIMUM DAILY, 1.37 ON SEP 27
MAXIMUM INSTANTANEOUS,
46.2 AT 05 39 EST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 58 07 N
LONG 83 25 00 W
DRAINAGE AREA, 1 440 km²

8 - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 16 500 | JUL | 14 000 |
| FEB | 12 600 | AUG | 7 910 |
| MAR | 14 500 | SEP | 4 280 |
| APR | 74 000 | OCT | 12 400 |
| MAY | 47 100 | NOV | 16 800 |
| JUN | 35 500 | DEC | 21 500 |

TOTAL DISCHARGE, 280 000 dam³

## AUSABLE RIVER NEAR EXETER - STATION NO. 02FF009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.36 | 0 2808 | 1.208 | 3 47 | 0 706 | 0.069 | 0 020 | 0 011 | 0 025 | 0 017 | 0 493 | 4.88 | 1 |
| 2 | 1 34 | 0 2578 | 2 818 | 2 95 | 0 554 | 0 071 | 0 016 | 0 097 | 0 041 | 0 034 | 0 351 | 3.38 | 2 |
| 3 | 1 22 | 0.2538 | 6 008 | 2 78 | 0.521 | 0 070 | 0.016 | 0.013 | 0 023 | 0.021 | 0 327 | 2.33 | 3 |
| 4 | 1 02 8 | 0 2508 | 5 308 | 3 52 | 0.407 | 0 065 | 0.019 | 0.009 | 0 023 | 0.016 | 0.280 | 1.88 | 4 |
| 5 | 1 03 8 | 0 2488 | 4 708 | 7 89 | 0 343 | 0 153 | 0 027 | 0 007 | 0 022 | 0 013 | 0 267 | 1.61 | 5 |
| 6 | 1 03 | 0 2488 | 4 208 | 6 75 | 0 331 | 0 103 | 0.036 | 0 011 | 0 023 | 0 015 | 0.308 | 1.41 | 6 |
| 7 | 1 05 | 0 2418 | 5 308 | 4 80 | 0 318 | 0 105 | 0 027 | 0 012 | 0 021 | 0 068 | 0 448 | 1 25 | 7 |
| 8 | 0 984 | 0 2388 | 12 0 8 | 2 93 | 0 298 | 0 127 | 0.034 | 0.015 | 0.020 | 0.060 | 2 74 | 1.35 | 8 |
| 9 | 0 946 | 0 2368 | 15 0 8 | 2 09 | 0.278 | 0.089 | 0.726 | 0 070 | 0 021 | 0 028 | 4 14 | 3.81 | 9 |
| 10 | 0 950 | 0 2348 | 9 008 | 1.58 | 0.268 | 0 088 | 0.270 | 0 014 | 0 022 | 0 019 | 2 11 | 4.48 | 10 |
| 11 | 0 988 | 0 2328 | 5 008 | 1 42 | 0 252 | 0.081 | 0.128 | 0.012 | 0 081 | 0.019 | 1.27 | 2.74 | 11 |
| 12 | 0 861 | 0 2318 | 3.008 | 1 70 | 0 220 | 0 060 | 0 074 | 0.011 | 0 036 | 0 017 | 0 940 | 2.75 | 12 |
| 13 | 0 878 | 0 2308 | 1 84 | 3.34 | 0 187 | 0 072 | 0 043 | 0.012 | 0.034 | 0 015 | 0 777 | 2.67 | 13 |
| 14 | 0 889 | 0 2298 | 1 58 | 2 40 | 0 264 | 0 047 | 0.088 | 0 015 | 0.021 | 0 015 | 0 850 | 2.30 | 14 |
| 15 | 1.87 | 0 2288 | 1 42 | 1 95 | 0 233 | 0 048 | 0.045 | 0.017 | 0.017 | 0 015 | 0.537 | 4.88 | 15 |
| 16 | 2 98 | 0 2278 | 1 72 | 1 65 | 0 211 | 0 045 | 0 038 | 0 012 | 0 033 | 0 014 | 0 451 | 8.77 | 16 |
| 17 | 1 88 | 0 2268 | 1 41 | 1 41 | 0 191 | 0 048 | 0 019 | 0.020 | 0 105 | 0 026 | 0 438 | 4.58 | 17 |
| 18 | 1 50 8 | 0 2258 | 2 32 | 1 23 | 0 258 | 0 039 | 0 016 | 0.014 | 0 028 | 0 019 | 0 480 | 3 04 | 18 |
| 19 | 1 12 8 | 0 2248 | 3 21 | 1 10 | 0 228 | 0 020 | 0.015 | 0 012 | 0 051 | 0 016 | 0 434 | 2 45 | 19 |
| 20 | 0 8508 | 0 2238 | 4 01 | 0 991 | 0 215 | 0 011 | 0 014 | 0 011 | 0 028 | 0 018 | 0 4858 | 7.83 | 20 |
| 21 | 0 6408 | 0 2228 | 4 13 | 0 923 | 0 201 | 0 014 | 0 023 | 0 013 | 0.058 | 0 030 | 0 4508 | 15 7 | 21 |
| 22 | 0 5108 | 0 2218 | 3 89 | 0 850 | 0 188 | 0 021 | 0 010 | 0 016 | 0.022 | 0 046 | 0 431 | 7.37 | 22 |
| 23 | 0 4308 | 0 2208 | 3 65 | 0 831 | 0 177 | 0 018 | 0 012 | 0 020 | 0.015 | 0 065 | 0 778 | 4 32 | 23 |
| 24 | 0 3608 | 0 2198 | 3 46 | 0 784 | 0 162 | 0 015 | 0 014 | 0 019 | 0 016 | 0 287 | 5 55 | 3 50 | 24 |
| 25 | 0 3458 | 0 2188 | 2 97 | 0 700 | 0.330 | 0 017 | 0 015 | 0 021 | 0.012 | 0.243 | 9 89 | 7.93 | 25 |
| 26 | 0 3178 | 0 2178 | 2 50 | 0 682 | 0 207 | 0 016 | 0 008 | 0 025 | 0 012 | 0 072 | 19 1 | 5.34 | 26 |
| 27 | 0 3008 | 0 2168 | 2 23 | 0 684 | 0 078 | 0 015 | 0 004 | 0.034 | 0 013 | 0 288 | 9 42 | 3.208 | 27 |
| 28 | 0 2858 | 0 3508 | 1 83 | 0 713 | 0 072 | 0 023 | 0 007 | 0 021 | 0 012 | 0 713 | 4 85 | 2.008 | 28 |
| 29 | 0 2758 | | 1 62 | 0 689 | 0 068 | 0 016 | 0 006 | 0 022 | 0.018 | 0.834 | 3.91 | 1.558 | 29 |
| 30 | 0 2688 | | 4 00 | 0 629 | 0 097 | 0 028 | 0 010 | 0 015 | 0 033 | 1 08 | 3.94 | 1.228 | 30 |
| 31 | 0 2638 | | 5 53 | | 0 106 | | 0 009 | 0 024 | | 0 756 | | 1.208 | 31 |
| TOTAL | 28 845 | 6 820 | 127 59 | 85.476 | 7 969 | 1 571 | 1 781 | 0 825 | 0.884 | 8 959 | 76 283 | 122.29 | TOTAL |
| MEAN | 0 930 | 0 238 | 4 12 | 2 18 | 0 257 | 0 052 | 0 058 | 0 020 | 0 029 | 0 180 | 2 54 | 3.94 | MEAN |
| MAX | 2 98 | 0 350 | 15 0 | 8 75 | 0 706 | 0 153 | 0 726 | 0 097 | 0 105 | 1 08 | 19 1 | 15 7 | MAX |
| MIN | 0 263 | 0 216 | 1 20 | 0 629 | 0 068 | 0 011 | 0 004 | 0 007 | 0 012 | 0 013 | 0 267 | 1.20 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 22
MAXIMUM DAILY, 19 1 ON NOV 26
MINIMUM DAILY, 0 004 ON JUL 27
MAXIMUM INSTANTANEOUS
21 7 AT 07 55 EST ON NOV 26

TYPE OF GAUGE - RECORDING
LOCATION LAT 43 21 43 N
LONG 81 30 37 W
DRAINAGE AREA 113 km²

8 ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 650 | JUL | 155 |
| FEB | 572 | AUG | 54.0 |
| MAR | 11 000 | SEP | 76 4 |
| APR | 5 850 | OCT | 428 |
| MAY | 889 | NOV | 5 550 |
| JUN | 136 | DEC | 10 600 |

TOTAL DISCHARGE 38 500 dam³

## AUSABLE RIVER NEAR SPRINGBANK - STATION NO 02FF002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11 3 | 2 210 | 5 808 | 26 7 | 2 93 E | 4 42 E | 0 580E | 0 407E | 1 55 E | 0 556 | 7 40 | 26 5 | 1 |
| 2 | 10 4 | 2 178 | 49 0 B | 26 4 | 3 35 E | 4 86 E | 0.570E | 0 478E | 1 59 E | 0 625 | 5 42 | 25 6 | 2 |
| 3 | 9 80 | 2 148 | 84 0 B | 26 4 | 3 26 E | 5 56 E | 0 540E | 0 457E | 2 49 E | 0 749 | 4 01 | 22 6 | 3 |
| 4 | 8 008 | 2 118 | 42 5 B | 26 2 | 3 85 E | 5 11 E | 0 500E | 0.715E | 2 06 E | 0 929 | 3 13 | 20 3 | 4 |
| 5 | 7 808 | 2 088 | 25 0 B | 41 6 | 3 11 E | 3 94 E | 0.540E | 0.981E | 1.22 E | 0 758 | 2 89 | 17 5 | 5 |
| 6 | 7 608 | 2 058 | 26 0 B | 79 6 | 1.89 E | 3.56 E | 0.600E | 0 963E | 0.652E | 0 642 | 2 46 | 15 2 | 6 |
| 7 | 7 41 | 2 028 | 70 0 B | 86.3 | 1.72 E | 1.86 E | 0.590E | 0.568E | 0 498E | 0 550 | 2.22 | 13 7 | 7 |
| 8 | 7 27 | 2 008 | 114 | 34.5 | 1.80 E | 0.930E | 0 520E | 0 488E | 0.241E | 0 884 | 2 52 | 13 2 | 8 |
| 9 | 6 94 | 1 988 | 126 | 20.6 | 1 13 E | 3.14 E | 0.600E | 0.954E | 0.308E | 1 75 | 7 75 | 47 1 | 9 |
| 10 | 6 70 | 1 988 | 98 6 | 14.9 | 0.859E | 3.96 E | 0.980E | 1.08 E | 0.699E | 1.23 | 16 1 | 69 4 | 10 |
| 11 | 6 47 | 1 958 | 59.3 | 11.6 | 0.888E | 2.59 E | 2.60 E | 1 12 E | 0.857E | 1 11 | 15 2 | 34 5 | 11 |
| 12 | 6 18 | 1 948 | 38 9 | 11.1 | 1.61 E | 0.698E | 1.35 E | 0.910E | 0.859E | 0 956 | 11 2 | 27 7 | 12 |
| 13 | 5.81 | 1 938 | 20.3 | 17.2 | 1.89 E | 0.621E | 1 02 E | 0 392E | 1 01 E | 0 750 | 7 84 | 25 8 | 13 |
| 14 | 5 58 | 1 928 | 14 7 | 16.4 | 1 05 E | 0 368E | 0.670E | 0 524A | 0 880A | 0 652 | 5 86 | 20 5 | 14 |
| 15 | 11 0 | 1 918 | 11 9 | 16.0 | 1.81 E | 0.388E | 0.700E | 0 148E | 0 859 | 0 605 | 4 23 | 29 4 | 15 |
| 16 | 24 7 | 1 908 | 10.5 | 13.9 | 1.75 E | 0.908E | 0.805E | 0.058E | 0.801 | 0 552 | 3 29 | 72 2 | 16 |
| 17 | 20 0 | 1 898 | 10.2 | 11 6 | 0.833E | 0 781A | 0.551A | 0.120E | 0.848 | 0 536 | 2 70 | 54 5 | 17 |
| 18 | 16 4 | 1 888 | 10.3 | 9 77 | 1.26 E | 0 600E | 0.500E | 0.445E | 0 724 | 0 533 | 2 43 | 40 1 | 18 |
| 19 | 10 5 8 | 1 878 | 10.8 | 8.33 | 1 78 E | 0.520E | 0.481E | 0.585E | 0 719 | 0 532 | 2 24 | 27 1 | 19 |
| 20 | 7 208 | 1 908 | 11 7 | 7.28E | 2 53 E | 0 490E | 0.459E | 1 03 E | 0 619 | 0 546 | 2 12 | 46 6 | 20 |
| 21 | 5 508 | 1 958 | 12 4 | 6 48E | 1 74 E | 0 495E | 0.441E | 1 05 E | 0 627 | 0 537 | 2 15 | 111 | 21 |
| 22 | 4 508 | 2 008 | 12.6 | 5 75E | 0 737E | 0.500E | 0 420E | 0.588E | 0 728 | 0 536 | 2 11 | 91 7 | 22 |
| 23 | 3 608 | 2 058 | 12.6 | 5.31E | 1 85 E | 0 505E | 0.394E | 1.68 E | 0 641 | 0 590 | 2 07 | 82 5 | 23 |
| 24 | 3 208 | 2 108 | 12 4 | 5.11E | 3 52 E | 0 540E | 0.380E | 2.47 E | 0 593 | 0 895 | 9 59 | 36 2 | 24 |
| 25 | 2.858 | 2 158 | 12 0 | 5.86E | 2.90 E | 0 520E | 0 438E | 2.33 E | 0 526 | 4 79 | 40 5 | 31 0 | 25 |
| 26 | 2 708 | 2 208 | 11 7 | 4 78E | 1 37 E | 0 500E | 0.431E | 2.76 E | 0 481 | 6 66 | 120 | 45 7 | 26 |
| 27 | 2 558 | 2 258 | 11 0 | 3.80E | 1 10 A | 0 520E | 0 422E | 2.89 E | 0 519 | 8 29 | 121 | 35 3 | 27 |
| 28 | 2 488 | 2 308 | 10 4 | 4 09E | 0 802E | 0 590E | 0 402E | 2.80 E | 0 471 | 10 2 | 80 2 | 24 6 | 28 |
| 29 | 2 368 | | 9 85 | 3.70E | 0 388E | 0 580E | 0 397E | 2.54 E | 0 455 | 10 4 | 47 4 | 17 5 | 29 |
| 30 | 2 308 | | 11 8 | 3.85E | 0 302E | 0.570E | 0 407E | 1.71 E | 0 480 | 11 2 | 38 0 | 6 808 | 30 |
| 31 | 2 258 | | 27 8 | | 0 372 E | | 0.412E | 0.932E | | 9 86 | | 4 708 | 31 |
| TOTAL | 231 15 | 56 81 | 976.75 | 528.52 | 81 259 | 52.122 | 18 670 | 34 626 | 24.424 | 77 467 | 573 75 | 1 109 60 | TOTAL |
| MEAN | 7 46 | 2 03 | 31.5 | 17.7 | 1.96 | 1.74 | 0 635 | 1.12 | 0 814 | 2 50 | 18 1 | 35 8 | MEAN |
| MAX | 24 7 | 2 30 | 126 | 79.6 | 8 72 | 5.58 | 2.80 | 2.89 | 2.49 | 11.2 | 121 | 111 | MAX |
| MIN | 2.25 | 1.87 | 5.80 | 2.79 | 0 302 | 0.388 | 0.360 | 0.088 | 0 241 | 0 532 | 2 07 | 4 70 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 126 ON MAR 9
MINIMUM DAILY, 0.088E ON AUG 16
MAXIMUM INSTANTANEOUS,
131 AT 18 54 EST ON MAR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 04 20 N
LONG 81 35 35 W
DRAINAGE AREA, 865 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 20 000 | JUL | 1 700 |
| FEB | 4 810 | AUG | 2 990 |
| MAR | 84 600 | SEP | 2 110 |
| APR | 45 800 | OCT | 6 830 |
| MAY | 5 290 | NOV | 49 800 |
| JUN | 4 500 | DEC | 95 900 |

TOTAL DISCHARGE, 324 000 dam³

## AUX SABLES RIVER AT MASSEY - STATION NO 02CE002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6 108 | 5 658 | 4 908 | 37 2 | 13 6 | 12 9 | 6.67 | 4 37 | 3 44 | 3 69 | 5 35E | 11 0 | 1 |
| 2 | 6 008 | 5 608 | 4 858 | 33 6 | 12.9 | 12.2 | 6.23 | 4 31 | 3 38 | 4 54 | 5.30E | 12 0 | 2 |
| 3 | 7 908 | 5 508 | 5 008 | 31 8 | 17 1 | 11.8 | 5 85 | 4.25 | 3 34 | 5 16 | 5 60E | 11 6 | 3 |
| 4 | 7 808 | 5 458 | 5.008 | 30 3 | 11.3 | 11 1 | 5 61 | 4 23 | 3 24 | 5 09 | 5 90E | 10 7 B | 4 |
| 5 | 7 758 | 5 408 | 5.108 | 29.3 | 10.8 | 10.4 | 5 41 | 4 16 | 3 18 | 4 78 | 6 50E | 10 2 B | 5 |
| 6 | 7 658 | 5 368 | 5.208 | 30 2 | 10 3 | 9.72 | 5.34 | 4 04 | 3 13 | 4 42 | 7.00E | 9.308 | 6 |
| 7 | 7 608 | 5 308 | 5 308 | 32 8 | 9.67 | 9.20 | 5.25 | 4 11 | 3 09 | 4 28 | 7 20E | 8 908 | 7 |
| 8 | 7 508 | 5 208 | 5 508 | 33.2 | 9.56 | 8.88 | 5 16 | 3 93 | 3 14 | 4 27 | 7 15E | 8.408 | 8 |
| 9 | 7 408 | 5 258 | 5 458 | 32 6 | 9.36 | 9 06 | 5 06 | 3 78 | 3 51 | 4 28 | 6 70A | 10 5 | 9 |
| 10 | 7 358 | 5 208 | 5.858 | 30 7 | 9 16 | 8.83 | 4 97 | 3 86 | 3 77 | 4 14 | 5.22 | 15 7 | 10 |
| 11 | 7 308 | 5 208 | 5.858 | 28.1 | 9.00 | 8.32 | 5 52 | 3 55 | 3 77 | 4 00 | 5 77 | 19 9 | 11 |
| 12 | 7 208 | 5 158 | 5.848 | 27.7 | 9.04 | 8.85 | 5 78 | 3 49 | 4 22 | 3 94 | 5 88 | 23 2 | 12 |
| 13 | 7 158 | 5 108 | 5.708 | 27 7 | 8 73 | 9.32 | 5 91 | 3 46 | 4 23 | 3 86 | 5 86 | 25 4 | 13 |
| 14 | 7 108 | 5 058 | 5 558 | 27 8 | 8.53 | 9 09 | 5 76 | 3 45 | 3 87 | 3 81 | 6.08 | 23 5 | 14 |
| 15 | 7 008 | 5 058 | 5.558 | 26.2 | 8 52 | 8.81 | 5 82 | 3.59 | 3 83 | 3 74 | 5 90 | 20 1 | 15 |
| 16 | 6 908 | 5 008 | 5.408 | 26.7 | 8 52 | 7.95 | 6.27 | 3 75 | 3 51 | 3 68 | 6 14 | 18 8 | 16 |
| 17 | 6 808 | 5 008 | 5.358 | 26 4 | 9 83 | 7.53 | 5 85 | 3 92 | 3 39 | 3 97 | 6 53 | 17 7 B | 17 |
| 18 | 6 708 | 5 008 | 5.358 | 26 4 | 11 2 | 7 10 | 5 41 | 3 93 | 3 31 | 4 54 | 6 83 | 17 0 B | 18 |
| 19 | 6 808 | 5 008 | 5.358 | 25 6 | 12 3 | 6 62 | 5 49 | 3 86 | 3 38 | 4 85 | 7 84 | 16 4 B | 19 |
| 20 | 6 558 | 4 958 | 5.808 | 23 9 | 12 3 | 6.36 | 5 81 | 3.75 | 3 46 | 4 78 | 8 24 | 16 5 B | 20 |
| 21 | 6 458 | 4 958 | 8 408 | 22.3 | 11 9 | 6 14 | 5 16 | 3 68 | 3 56 | 4 70 | 7 10 | 18 2 B | 21 |
| 22 | 6 408 | 4 908 | 11 5 B | 21 0 | 12 7 | 5 97 | 5 96 | 3 76 | 3 63 | 4 63 | 7 08 | 16.5 B | 22 |
| 23 | 6 308 | 4 908 | 11 5 | 20 2 | 16 4 | 5 75 | 5 46 | 3 73 | 3 69 | 4 39 | 7 84 | 15 0 B | 23 |
| 24 | 6 208 | 4 908 | 13 9 | 19 3 | 16 2 | 5.81 | 5 20 | 3 70 | 3 63 | 4 37 | 8 21 | 14 3 B | 24 |
| 25 | 6 108 | 4 858 | 16.0 | 17 8 | 16 7 | 5.53 | 5 15 | 3.53 | 3 48 | 4 94 | 8.16 | 14 2 B | 25 |
| 26 | 6 008 | 4 858 | 22 5 | 15 5 | 15 3 | 5 53 | 5 30 | 3 43 | 3 39 | 5 18A | 7 83 | 13 7 B | 26 |
| 27 | 5 958 | 4 858 | 27 9 | 14 8 | 15 1 | 5.63 | 5 31 | 3 34 | 3 33 | 5 25E | 7 98B | 13 0 B | 27 |
| 28 | 5 908 | 4 858 | 32.1 | 15 5 | 16 1 | 6 27 | 5 11 | 3 32 | 3 29 | 5 48E | 7 85B | 12.8 B | 28 |
| 29 | 5 808 | | 34 7 | 15 0 | 16 1 | 6 47 | 4 89 | 3 26 | 3 44 | 5 58E | 7 98 | 12.6 B | 29 |
| 30 | 5 758 | | 37 4 | 14 5 | 14 9 | 6.61 | 4 77 | 3 33 | 3 56 | 5 45E | 8 16 | 12 3 B | 30 |
| 31 | 5 708 | | 38 6 | | 13 7 | | 4 58 | 3 35 | | 5 42E | | 12 0 B | 31 |
| TOTAL | 212 90 | 143 56 | 385 49 | 763.0 | 374 42 | 243 46 | 172 80 | 116 03 | 104 95 | 141 05 | 205 61 | 458 80 | TOTAL |
| MEAN | 6 87 | 5 13 | 11 8 | 25.4 | 12 1 | 8 12 | 5 57 | 3 74 | 3 50 | 4 55 | 6 85 | 14 8 | MEAN |
| MAX | 8 10 | 5 65 | 38.6 | 37 2 | 16 2 | 12 9 | 6 62 | 4 37 | 4 23 | 5 55 | 9 16 | 25 4 | MAX |
| MIN | 5 70 | 4 85 | 4 90 | 14 5 | 8 52 | 5.53 | 4 58 | 3 26 | 3 09 | 3 68 | 5 22 | 9 40 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 05
MAXIMUM DAILY, 38.6 ON MAR 31
MINIMUM DAILY, 3.09 ON SEP 7
MAXIMUM INSTANTANEOUS,
39.9 AT 00 19 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 12 54 N
LONG 82 04 14 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 18 400 | JUL | 14 900 |
| FEB | 12 400 | AUG | 10 000 |
| MAR | 31 800 | SEP | 9 070 |
| APR | 85 900 | OCT | 12 200 |
| MAY | 32 300 | NOV | 17 400 |
| JUN | 21 000 | DEC | 39 600 |

TOTAL DISCHARGE, 285 000 dam³

## AVON RIVER BELOW STRATFORD - STATION NO. 02GD018

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.71 | 0.6008 | 2.008 | 5.29 | 0.717 | 1.83 | 0.478 | 0.281 | 0.341 | 0.385 | 1.11 | 4.24 | 1 |
| 2 | 1.71 | 0.6308 | 5.008 | 4.62 | 0.661 | 1.85 | 0.507 | 1.57 | 0.465 | 0.501 | 1.07 | 2.29 | 2 |
| 3 | 1.54 | 0.6508 | 4.008 | 4.28 | 0.585 | 0.890 | 1.73 | 1.05 | 0.320 | 0.674 | 1.13 | 2.73 | 3 |
| 4 | 1.37 B | 0.6208 | 2.208 | 4.74 | 0.605 | 0.683 | 1.40 | 0.448 | 0.291 | 0.322 | 1.06 | 2.41 | 4 |
| 5 | 1.35 B | 0.5908 | 1.908 | 13.4 | 0.694 | 0.622 | 0.645 | 0.403 | 0.275 | 0.311 | 1.17 | 2.02 | 5 |
| 6 | 1.32 B | 0.6008 | 2.008 | 11.8 | 0.672 | 0.556 | 0.783 | 0.355 | 0.225 | 0.385 | 1.18 | 1.78 | 6 |
| 7 | 1.27 | 0.6208 | 4.88 | 8.27 | 0.630 | 0.515 | 1.26 | 0.295 | 0.211 | 0.420 | 1.07 | 1.59 | 7 |
| 8 | 1.24 | 0.6108 | 14.8 | 3.82 | 0.717 | 0.636 | 2.71 | 0.310 | 0.253 | 0.599 | 1.95 | 1.68 | 8 |
| 9 | 1.21 | 0.6008 | 15.1 | 1.06 | 0.827 | 0.629 | 1.67 | 1.40 | 0.303 | 0.378 | 2.61 | 4.34 | 9 |
| 10 | 1.22 B | 0.5908 | 8.158 | 1.43 | 0.580 | 0.584 | 0.884 | 0.738 | 0.307 | 0.298 | 1.92 | 5.54 | 10 |
| 11 | 1.20 B | 0.5808 | 5.328 | 1.83 | 0.896 | 0.553 | 0.881 | 0.480 | 0.702 | 0.255 | 1.42 | 3.86 | 11 |
| 12 | 1.19 B | 0.5758 | 4.068 | 2.59 | 0.829 | 0.773 | 0.851 | 0.375 | 0.632 | 0.238 | 1.30 | 4.07 | 12 |
| 13 | 1.21 | 0.5708 | 3.548 | 3.98 | 0.884 | 0.522 | 0.809 | 0.341 | 0.403 | 0.277 | 1.20 | 3.73 | 13 |
| 14 | 1.25 | 0.5808 | 2.918 | 2.81 | 1.82 | 0.401 | 1.15 | 0.328 | 0.327 | 0.318 | 1.06 | 3.08 | 14 |
| 15 | 2.26 | 0.8558 | 2.378 | 2.40 | 3.27 | 0.484 | 0.728 | 0.269 | 0.364 | 0.342 | 0.980 | 4.47 | 15 |
| 16 | 2.81 | 0.5908 | 2.628 | 1.95 | 1.10 | 0.488 | 0.583 | 0.229 | 0.356 | 0.321 | 0.884 | 5.88A | 16 |
| 17 | 2.10 B | 0.5458 | 3.11 | 1.72 | 0.829 | 0.439 | 0.741 | 0.262 | 0.483 | 0.420 | 1.01 | 4.35 | 17 |
| 18 | 1.75 B | 0.5428 | 4.35 | 1.41 | 1.03 | 0.436 | 0.494 | 0.260 | 0.456 | 0.442 | 1.09 | 3.43 | 18 |
| 19 | 1.45 B | 0.5368 | 7.01 | 1.23 | 0.884 | 0.420 | 0.368 | 0.289 | 0.374 | 0.381 | 0.984 | 2.98 | 19 |
| 20 | 1.22 B | 0.5308 | 8.97 | 1.21 | 0.919 | 0.395 | 0.390 | 0.265 | 0.319 | 0.432 | 0.8788 | 10.2 | 20 |
| 21 | 1.00 B | 0.5258 | 9.66 | 1.18 | 0.836 | 0.365 | 0.587 | 0.281 | 0.708 | 0.871 | 0.9888 | 14.3 | 21 |
| 22 | 0.8208 | 0.5248 | 9.84 | 1.07 | 0.830 | 0.732 | 0.377 | 0.154 | 0.434 | 0.741 | 1.11 | 7.45 | 22 |
| 23 | 0.7708 | 0.5238 | 9.34 | 1.08 | 0.727 | 0.627 | 0.319 | 0.157 | 0.415 | 1.38 | 1.02 | 5.07 | 23 |
| 24 | 0.7308 | 0.5208 | 7.53 | 1.01 | 0.892 | 0.533 | 0.388 | 0.192 | 0.388 | 1.84 | 2.85 | 4.15 | 24 |
| 25 | 0.7008 | 0.5188 | 5.77 | 0.880 | 0.718 | 0.497 | 1.35 | 0.285 | 0.336 | 2.15 | 8.72 | 12.2 | 25 |
| 26 | 0.8908 | 0.5158 | 5.18 | 0.891 | 0.632 | 0.484 | 0.509 | 0.624 | 0.282 | 1.38 | 10.9 | 9.04 | 26 |
| 27 | 0.8708 | 0.5108 | 4.08 | 1.05 | 0.803 | 0.484 | 0.383 | 0.802 | 0.267 | 2.38 | 8.11 | 5.10 | 27 |
| 28 | 0.8608 | 0.5308 | 3.10 | 1.24 | 0.735 | 0.456 | 0.387 | 0.410 | 0.388 | 2.73 | 4.06 | 3.508 | 28 |
| 29 | 0.8408 | | 2.58 | 0.900 | 0.883 | 0.482 | 0.338 | 0.384 | 0.883 | 2.11 | 4.38 | 2.908 | 29 |
| 30 | 0.8208 | | 8.10 | 0.789 | 0.882 | 0.478 | 0.301 | 0.272 | 0.897 | 1.87 | 5.01 | 2.208 | 30 |
| 31 | 0.8108 | | 7.47 | | 1.34 | | 0.303 | 0.282 | | 1.33 | | 1.958 | 31 |
| TOTAL | 38.410 | 15.818 | 177.72 | 87.560 | 27.187 | 18.723 | 23.808 | 13.789 | 11.650 | 25.870 | 70.292 | 143.39 | TOTAL |
| MEAN | 1.24 | 0.585 | 5.73 | 2.92 | 0.876 | 0.624 | 0.768 | 0.445 | 0.395 | 0.835 | 2.34 | 4.63 | MEAN |
| MAX | 2.81 | 0.850 | 15.1 | 13.4 | 3.27 | 1.85 | 2.71 | 1.57 | 0.708 | 2.73 | 10.9 | 14.3 | MAX |
| MIN | 0.810 | 0.510 | 1.90 | 0.789 | 0.580 | 0.385 | 0.301 | 0.154 | 0.211 | 0.238 | 0.878 | 1.59 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.79
MAXIMUM DAILY, 15.1 ON MAR 9
MINIMUM DAILY, 0.154 ON AUG 22
MAXIMUM INSTANTANEOUS,
21.0 AT 21 26 EST ON MAR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 20 42 N
LONG 81 08 58 W
DRAINAGE AREA, 144 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 320 | JUL | 2 060 |
| FEB | 1 370 | AUG | 1 190 |
| MAR | 15 400 | SEP | 1 020 |
| APR | 7 570 | OCT | 2 240 |
| MAY | 2 350 | NOV | 5 070 |
| JUN | 1 620 | DEC | 12 400 |

TOTAL DISCHARGE, 55 600 dam³

## BASSWOOD RIVER NEAR WINTON - STATION NO. 05PA012

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 26.2 | 19.9 | 15.3 | 23.4 | 17.5 | 82.7 | 30.0 | 75.0 | 57.2 | 32.6 | 17.1 | 13.9 | 1 |
| 2 | 25.7 | 19.7 | 15.5 | 23.9 | 17.1 | 88.1 | 30.0 | 86.1 | 55.2 | 32.0 | 16.8 | 13.8 | 2 |
| 3 | 25.1 | 19.7 | 15.5 | 24.4 | 16.7 | 90.0 | 29.2 | 80.3 | 53.5 | 31.4 | 16.6 | 13.7 | 3 |
| 4 | 24.5 | 19.7 | 15.5 | 24.8 | 16.2 | 91.7 | 28.1 | 83.4 | 51.8 | 30.5 | 15.4 | 13.6 | 4 |
| 5 | 24.0 | 19.5 | 15.4 | 25.1 | 15.8 | 92.0 | 27.0 | 85.7 | 50.7 | 30.3 | 16.3 | 13.6 | 5 |
| 6 | 23.4 | 19.1 | 15.5 | 25.4 | 15.3 | 91.7 | 25.8 | 86.0 | 50.1 | 30.3 | 15.1 | 13.6 | 6 |
| 7 | 23.0 | 18.7 | 15.4 | 25.7 | 14.9 | 89.8 | 24.9 | 85.7 | 49.0 | 29.7 | 15.9 | 13.7 | 7 |
| 8 | 22.7 | 18.4 | 15.4 | 26.0 | 14.6 | 88.7 | 24.0 | 85.1 | 47.9 | 29.4 | 15.5 | 13.8 | 8 |
| 9 | 22.3 | 18.3 | 15.3 | 26.1 | 14.2 | 83.0 | 23.3 | 84.0 | 46.7 | 28.8A | 15.3 | 13.8 | 9 |
| 10 | 22.0 | 18.0 | 15.2 | 26.3 | 14.1 | 78.3 | 22.3 | 82.9 | 45.6 | 28.0A | 15.2 | 13.8 | 10 |
| 11 | 21.7 | 17.8 | 15.1 | 26.3 | 13.8 | 76.2 | 22.3 | 80.3 | 45.3 | 27.4 | 14.9 | 13.8 | 11 |
| 12 | 21.4 | 17.5 | 15.0 | 26.1 | 13.4 | 72.5 | 22.0 | 81.5 | 44.5 | 27.1 | 14.6 | 13.8 | 12 |
| 13 | 21.2 | 17.5 | 15.0 | 25.7 | 13.3 | 69.7 | 21.3 | 88.5 | 43.9 | 26.8A | 14.6 | 13.8 | 13 |
| 14 | 20.9 | 17.5 | 15.0 | 25.3 | 12.7 | 68.2 | 20.8 | 85.9 | 43.0 | 26.0 | 14.7 | 13.8 | 14 |
| 15 | 20.9 | 17.1 | 15.0 | 24.8 | 12.7 | 63.7 | 20.7 | 86.5 | 42.2 | 25.7 | 14.6 | 13.6 | 15 |
| 16 | 21.1 | 16.7 | 14.8 | 24.5 | 12.9 | 61.4 | 20.4 | 86.7 | 41.8 | 25.1 | 14.8 | 13.7 | 16 |
| 17 | 21.4 | 16.2 | 14.7 | 23.9 | 14.1 | 58.9 | 20.3 | 83.5 | 40.5 | 24.3 | 15.4 | 13.7 | 17 |
| 18 | 21.6 | 15.8 | 14.7 | 23.4 | 14.9 | 56.1 | 22.3 | 82.1 | 39.8 | 23.3 | 15.5 | 13.7 | 18 |
| 19 | 22.0 | 15.5 | 14.5 | 23.0 | 14.8 | 53.5 | 23.1 | 80.4 | 39.6 | 22.6 | 15.0 | 13.7 | 19 |
| 20 | 22.2 | 15.4 | 14.5 | 22.3 | 15.0 | 51.0 | 23.2 | 79.3 | 39.8 | 21.8 | 14.9 | 13.7 | 20 |
| 21 | 22.3 | 15.2 | 14.8 | 21.9 | 15.5 | 48.4 | 23.1 | 78.2 | 39.1 | 21.2 | 15.0 | 13.7 | 21 |
| 22 | 22.2 | 15.2 | 15.2 | 21.4 | 19.1 | 46.4 | 23.3 | 76.7 | 38.5 | 20.7 | 14.8 | 13.8 | 22 |
| 23 | 22.1 | 15.2 | 15.9 | 20.8 | 20.7 | 44.7 | 30.5 | 74.8 | 37.7 | 20.2 | 14.5 | 13.7 | 23 |
| 24 | 21.8 | 15.2 | 16.9 | 20.5 | 24.2 | 42.8 | 36.5 | 72.6 | 36.8 | 19.9 | 14.6 | 13.7 | 24 |
| 25 | 21.4 | 15.2 | 18.0 | 20.2 | 29.2 | 40.5 | 41.3 | 70.8 | 36.2 | 19.5 | 14.4 | 13.8 | 25 |
| 26 | 21.2 | 15.1 | 18.9 | 19.8 | 36.0 | 38.2 | 45.9 | 69.4 | 35.7 | 19.7 | 14.3 | 13.7 | 26 |
| 27 | 20.9 | 15.0 | 19.8 | 19.0 | 43.3 | 36.5 | 49.8 | 67.1 | 34.8 | 19.4 | 14.3 | 13.6 | 27 |
| 28 | 20.6 | 14.9 | 20.4 | 18.9 | 52.4 | 34.8 | 53.0 | 64.8 | 34.3 | 18.2 | 14.3 | 13.6 | 28 |
| 29 | 20.4 | | 21.1 | 18.1 | 61.4 | 33.1 | 55.5 | 62.3 | 33.7 | 17.8 | 14.1 | 13.7 | 29 |
| 30 | 20.4 | | 21.7 | 17.8 | 69.9 | 31.1 | 58.0 | 61.4 | 33.1 | 17.4 | 14.0 | 13.6 | 30 |
| 31 | 20.4 | | 22.4 | | 77.0 | | 60.9 | 58.9 | | 17.2 | | 13.7 | 31 |
| TOTAL | 687.0 | 479.1 | 507.4 | 694.8 | 743.5 | 1 900.8 | 958.9 | 2 526.5 | 1 287.7 | 782.2 | 455.2 | 423.8 | TOTAL |
| MEAN | 22.2 | 17.1 | 16.4 | 23.2 | 24.0 | 63.4 | 30.9 | 81.5 | 42.9 | 24.6 | 15.2 | 13.7 | MEAN |
| MAX | 26.2 | 19.9 | 22.4 | 26.3 | 77.0 | 92.0 | 60.9 | 96.0 | 57.2 | 32.6 | 17.1 | 13.9 | MAX |
| MIN | 20.4 | 14.9 | 14.5 | 17.8 | 12.7 | 31.1 | 20.3 | 58.9 | 33.1 | 17.2 | 14.0 | 13.6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.3
MAXIMUM DAILY, 96.0 ON AUG 6
MINIMUM DAILY, 12.7 ON MAY 14
MAXIMUM INSTANTANEOUS
96.8 AT 00 30 CST ON AUG 6

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 04 55 N
LONG 91 39 10 W
DRAINAGE AREA, 4 510 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 53 400 | JUL | 82 800 |
| FEB | 41 400 | AUG | 218 000 |
| MAR | 43 800 | SEP | 111 000 |
| APR | 80 000 | OCT | 85 900 |
| MAY | 64 200 | NOV | 39 300 |
| JUN | 184 000 | DEC | 36 800 |

TOTAL DISCHARGE, 988 000 dam³

## BATCHAWANA RIVER NEAR BATCHAWANA - STATION NO. 02BF001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.508 | 5.408 | 5.108 | 28.0B | 20.5 | 18.0 | 5.78 | 3.67 | 12.1 | 7.70 | 16.3 | 20.5B | 1 |
| 2 | 8.458 | 5.308 | 5.108 | 23.5B | 18.7 | 17.6 | 5.35 | 4.20 | 10.5 | 19.7 | 15.2 | 19.7B | 2 |
| 3 | 8.408 | 5.208 | 5.058 | 21.5B | 17.2 | 16.3 | 5.42 | 4.43 | 9.01 | 28.5 | 14.9 | 19.3B | 3 |
| 4 | 8.358 | 5.108 | 5.058 | 20.0B | 15.6 | 14.7 | 5.22 | 4.28 | 7.78 | 28.6 | 19.4 | 18.7B | 4 |
| 5 | 8.308 | 5.008 | 5.058 | 19.5B | 14.4 | 13.6 | 4.91 | 3.90 | 8.15 | 23.0 | 26.5 | 18.3B | 5 |
| 6 | 8.208 | 5.958 | 5.058 | 21.5B | 13.4 | 12.3 | 4.61 | 3.51 | 8.70 | 19.2 | 28.5 | 17.8B | 6 |
| 7 | 8.158 | 5.908 | 5.058 | 28.5 | 12.6 | 11.2 | 4.32 | 3.25 | 7.41 | 16.3 | 25.0E | 17.4B | 7 |
| 8 | 8.108 | 5.858 | 5.058 | 34.0 | 11.9 | 10.5 | 4.13 | 3.09 | 6.80 | 14.5 | 22.7E | 17.0B | 8 |
| 9 | 8.058 | 5.808 | 5.108 | 39.4 | 11.2 | 9.81 | 4.03 | 2.87 | 6.47 | 13.7 | 21.0E | 17.2 | 9 |
| 10 | 8.008 | 5.758 | 5.128 | 51.3 | 10.5 | 9.13 | 4.18 | 2.82 | 5.90 | 13.3 | 19.2E | 25.4 | 10 |
| 11 | 8.008 | 5.708 | 5.108 | 70.7 | 9.94 | 9.49 | 4.05 | 2.74 | 5.57 | 12.5 | 17.0A | 28.7 | 11 |
| 12 | 7.958 | 5.658 | 5.158 | 86.0 | 9.49 | 9.85 | 5.39 | 2.55 | 8.85 | 12.0 | 15.2 | 29.0 | 12 |
| 13 | 7.908 | 5.608 | 5.158 | 89.2 | 8.91 | 9.53 | 9.23 | 2.40 | 9.23 | 11.2 | 14.5 | 28.2 | 13 |
| 14 | 7.908 | 5.558 | 5.158 | 86.6 | 8.52 | 9.48 | 12.3 | 2.38 | 8.49 | 10.5 | 14.4 | 26.8 | 14 |
| 15 | 7.858 | 5.508 | 5.208 | 86.3 | 8.26 | 9.61 | 11.0 | 3.03 | 7.84 | 10.2 | 14.1 | 25.2 | 15 |
| 16 | 7.808 | 5.458 | 5.208 | 81.9 | 8.46 | 9.90 | 9.08 | 3.68 | 7.22 | 11.3 | 13.9 | 23.5 | 16 |
| 17 | 7.758 | 5.408 | 5.308 | 75.1 | 11.5 | 8.92 | 7.46 | 9.09 | 6.84 | 21.8 | 27.1 | 22.6 | 17 |
| 18 | 7.708 | 5.408 | 5.408 | 67.0 | 17.0 | 7.82 | 6.54 | 7.90 | 6.10 | 37.5 | 47.5 | 21.5B | 18 |
| 19 | 7.658 | 5.358 | 5.608 | 58.3 | 20.2 | 8.86 | 7.85 | 7.89 | 6.01 | 40.0 | 44.4 | 20.6B | 19 |
| 20 | 7.808 | 5.308 | 6.808 | 50.4 | 20.1 | 8.38 | 10.8 | 10.4 | 6.81 | 34.9 | 39.2 | 19.7B | 20 |
| 21 | 7.508 | 5.308 | 9.108 | 46.2 | 18.5 | 8.89 | 11.8 | 12.8 | 7.25 | 29.4 | 31.4 | 18.8B | 21 |
| 22 | 7.408 | 5.258 | 12.0 B | 41.8 | 23.3 | 8.52 | 10.2 | 20.5 | 7.47 | 24.7 | 27.5B | 17.9B | 22 |
| 23 | 7.308 | 5.208 | 15.5 B | 38.9 | 34.0 | 8.16 | 8.51 | 15.5 | 7.41 | 21.4 | 25.1 | 17.2B | 23 |
| 24 | 7.208 | 5.208 | 23.0 B | 35.9 | 37.6 | 8.87 | 7.16 | 12.4 | 6.94 | 19.2 | 23.5B | 16.4B | 24 |
| 25 | 7.058 | 5.158 | 32.5 B | 32.1 | 34.8 | 8.52 | 6.38 | 10.3 | 6.41 | 17.2 | 22.2B | 15.7B | 25 |
| 26 | 6.958 | 5.158 | 38.0 B | 28.8 | 30.2 | 8.86 | 5.75 | 8.84 | 5.81 | 15.8 | 20.9B | 15.0B | 26 |
| 27 | 6.808 | 5.108 | 34.5 B | 26.7 | 28.8 | 8.38 | 5.13 | 7.37 | 5.82 | 17.6 | 19.8B | 14.4B | 27 |
| 28 | 6.708 | 5.108 | 33.0 B | 25.4 | 28.6 | 7.83 | 4.68 | 6.81 | 5.39 | 19.1 | 18.9 | 13.8B | 28 |
| 29 | 6.808 | | 33.0 B | 23.7 | 24.3 | 7.01 | 4.27 | 5.87 | 5.55 | 18.6 | 18.3 | 13.3B | 29 |
| 30 | 6.558 | | 32.5 B | 22.4 | 21.6 | 6.43 | 4.32 | 5.01 | 5.41 | 18.3 | 30.2 | 12.7B | 30 |
| 31 | 6.508 | | 29.5 B | | 20.2 | | 3.83 | 11.9 | | 17.8 | | 12.4B | 31 |
| TOTAL | 237.15 | 158.60 | 397.37 | 1 367.4 | 569.18 | 284.81 | 203.37 | 209.35 | 216.24 | 603.60 | 681.9 | 804.9 | TOTAL |
| MEAN | 7.65 | 5.59 | 12.8 | 45.2 | 18.4 | 9.50 | 6.56 | 6.75 | 7.27 | 19.5 | 22.7 | 19.5 | MEAN |
| MAX | 8.50 | 8.40 | 38.0 | 89.2 | 37.6 | 18.0 | 12.3 | 20.5 | 12.1 | 40.0 | 47.5 | 29.0 | MAX |
| MIN | 6.50 | 5.10 | 5.05 | 19.5 | 8.25 | 4.97 | 3.83 | 2.38 | 5.39 | 7.70 | 13.9 | 12.4 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.1
MAXIMUM DAILY, 89.2 ON APR 13
MINIMUM DAILY, 2.38 ON AUG 14
MAXIMUM INSTANTANEOUS,
90.8 AT 00:01 EST ON APR 13

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 59 38 N
LONG 84 31 31 W
DRAINAGE AREA, 1 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 20 500 | JUL | 17 600 |
| FEB | 13 600 | AUG | 18 100 |
| MAR | 34 300 | SEP | 18 900 |
| APR | 117 000 | OCT | 52 200 |
| MAY | 48 200 | NOV | 58 900 |
| JUN | 24 600 | DEC | 52 300 |

TOTAL DISCHARGE, 477 000 dam³

## BAYFIELD RIVER NEAR VARNA - STATION NO. 02FF007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.30 | 1.195 | 2.208 | 14.1 | 1.62 | 0.593 | 0.159 | 0.096 | 0.076 | 0.176 | 2.12 | 16.5 | 1 |
| 2 | 5.02 | 1.168 | 24.3 B | 12.4 | 1.39 | 0.536 | 0.136 | 0.241 | 0.089 | 0.237 | 1.67 | 14.5 | 2 |
| 3 | 4.308 | 1.178 | 17.1 | 12.4 | 1.28 | 1.80 | 0.178 | 0.429 | 0.141 | 0.136 | 1.83 | 9.61 | 3 |
| 4 | 3.508 | 1.188 | 12.0 B | 14.0 | 1.15 | 1.15 | 0.231 | 0.221 | 0.134 | 0.189 | 1.62 | 7.32 | 4 |
| 5 | 3.528 | 1.158 | 10.7 B | 28.2 | 1.11 | 0.791 | 0.194 | 0.182 | 0.166 | 0.202 | 1.45 | 5.26 | 5 |
| 6 | 3.808 | 1.148 | 10.8 B | 33.5 | 1.12 | 0.618 | 0.199 | 0.148 | 0.182 | 0.130 | 1.39 | 4.93 | 6 |
| 7 | 3.72 | 1.138 | 30.4 | 18.7 | 1.15 | 0.596 | 1.69 | 0.121 | 0.155 | 0.208 | 1.46 | 4.16 | 7 |
| 8 | 3.85 | 1.107 | 85.0 | 11.5 | 1.08 | 0.518 | 10.7 | 0.124 | 0.084 | 0.528 | 5.09 | 4.53 | 8 |
| 9 | 3.38 | 1.118 | 51.5 | 8.08 | 1.04 | 0.485 | 9.38 | 0.398 | 0.080 | 0.384 | 13.4 | 13.4 | 9 |
| 10 | 3.38 | 1.118 | 38.1 | 6.15 | 0.998 | 0.398 | 3.20 | 0.405 | 0.083 | 0.313 | 6.13 | 17.8 | 10 |
| 11 | 3.28 | 1.108 | 21.3 | 5.06 | 0.953 | 0.361 | 1.83 | 0.303 | 0.139 | 0.291 | 4.73 | 13.2 | 11 |
| 12 | 2.93 | 1.108 | 12.4 | 4.27 | 0.880 | 0.395 | 0.994 | 0.234 | 0.137 | 0.268 | 3.27 | 12.4 | 12 |
| 13 | 2.85 | 1.088 | 8.58 | 16.6 | 0.831 | 0.374 | 0.706 | 0.199 | 0.206 | 0.177 | 3.88 | 12.6 | 13 |
| 14 | 3.91 | 1.088 | 6.86 | 10.8 | 0.853 | 0.316 | 0.616 | 0.176 | 0.196 | 0.122 | 2.14 | 10.5 | 14 |
| 15 | 4.20 | 1.088 | 5.52 | 8.96 | 0.998 | 0.295 | 0.510 | 0.182 | 0.110 | 0.113 | 1.72 | 10.0 | 15 |
| 16 | 12.4 | 1.088 | 6.24 | 6.88 | 0.897 | 0.282 | 0.483 | 0.122 | 0.119 | 0.129 | 1.46 | 34.5 | 16 |
| 17 | 6.55 | 1.078 | 7.18 | 5.50 | 0.753 | 0.216 | 0.405 | 0.089 | 0.094 | 0.209 | 1.43 | 20.8 | 17 |
| 18 | 5.50 | 1.088 | 8.02 | 4.35 | 0.901 | 0.178 | 0.318 | 0.074 | 0.121 | 0.184 | 1.67 | 13.5 | 18 |
| 19 | 4.208 | 1.068 | 13.0 | 3.62 | 0.952 | 0.180 | 0.211 | 0.074 | 0.177 | 0.220 | 1.63 | 10.5 | 19 |
| 20 | 3.008 | 1.058 | 17.2 | 3.18 | 0.880 | 0.162 | 0.221 | 0.072 | 0.218 | 0.236 | 1.588 | 32.9 | 20 |
| 21 | 2.408 | 1.048 | 18.1 | 2.86 | 0.797 | 0.153 | 0.291 | 0.124 | 0.179 | 0.240 | 1.558 | 84.7 | 21 |
| 22 | 2.008 | 1.048 | 16.1 | 2.62 | 0.753 | 0.414 | 0.218 | 0.144 | 0.119 | 0.282 | 1.618 | 35.3 | 22 |
| 23 | 1.808 | 1.038 | 14.7 | 2.55 | 0.884 | 0.333 | 0.162 | 0.137 | 0.106 | 0.271 | 2.68 | 16.3 | 23 |
| 24 | 1.858 | 1.028 | 17.0 | 2.38 | 0.816 | 0.239 | 0.173 | 0.118 | 0.153 | 0.591 | 20.7 | 13.6 | 24 |
| 25 | 1.548 | 1.028 | 14.2 | 2.11 | 0.808 | 0.220 | 0.368 | 0.089 | 0.162 | 1.30 | 46.1 | 25.0 | 25 |
| 26 | 1.438 | 1.018 | 12.1 | 1.80 | 0.878 | 0.248 | 0.248 | 0.082 | 0.144 | 0.863 | 74.0 | 25.0 | 26 |
| 27 | 1.348 | 1.008 | 10.2 | 1.63 | 0.823 | 0.235 | 0.191 | 0.080 | 0.090 | 1.78 | 44.4 | 14.0 | 27 |
| 28 | 1.308 | 1.078 | 7.98 | 2.02 | 0.495 | 0.228 | 0.118 | 0.085 | 0.077 | 2.46 | 21.3 | 9.05 | 28 |
| 29 | 1.278 | | 6.43 | 1.88 | 0.688 | 0.218 | 0.075 | 0.084 | 0.104 | 3.87 | 15.6 | 5.958 | 29 |
| 30 | 1.238 | | 14.0 | 1.88 | 0.847 | 0.184 | 0.080 | 0.133 | 0.088 | 4.99 | 14.0 | 4.858 | 30 |
| 31 | 1.218 | | 21.8 | | 0.877 | | 0.048 | 0.174 | | 3.31 | | 4.788 | 31 |
| TOTAL | 111.33 | 30.48 | 536.81 | 282.84 | 27.586 | 12.574 | 34.029 | 5.007 | 3.887 | 24.389 | 303.34 | 499.84 | TOTAL |
| MEAN | 3.59 | 1.09 | 17.3 | 9.42 | 0.890 | 0.419 | 1.10 | 0.162 | 0.130 | 0.786 | 10.1 | 16.1 | MEAN |
| MAX | 12.4 | 1.19 | 85.0 | 33.5 | 1.52 | 1.80 | 10.7 | 0.429 | 0.218 | 4.99 | 74.0 | 84.7 | MAX |
| MIN | 1.21 | 1.00 | 2.20 | 1.88 | 0.495 | 0.153 | 0.048 | 0.082 | 0.053 | 0.113 | 1.38 | 4.16 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.04
MAXIMUM DAILY, 74.0 ON NOV 26
MINIMUM DAILY, 0.048 ON JUL 31
MAXIMUM INSTANTANEOUS,
85.8 AT 20:45 EST ON NOV 25

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 03 N
LONG 81 35 22 W
DRAINAGE AREA, 466 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 9 630 | JUL | 2 940 |
| FEB | 2 630 | AUG | 433 |
| MAR | 46 400 | SEP | 336 |
| APR | 21 600 | OCT | 3 110 |
| MAY | 2 380 | NOV | 26 200 |
| JUN | 1 090 | DEC | 43 200 |

TOTAL DISCHARGE, 159 000 dam³

## BEAR BROOK NEAR BOURGET - STATION NO. 02LB006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.268 | 1.00 B | 0.8158 | 42.0 | 3.01 | 1.91 | 1.83 | 0.547 | 0.233 | 3.27 | 4.40 | 41.3 | 1 |
| 2 | 4.558 | 0.9908 | 0.8458 | 26.3 | 2.92 | 1.36 | 0.416 | 0.232 | 0.272 | 3.85 | 32.6 | 2 | |
| 3 | 3.958 | 0.9808 | 0.8828 | 15.9 | 1.89 | 4.14 | 0.954 | 0.536 | 0.220 | 2.73 | 2.92 | 23.9 | 3 |
| 4 | 3.408 | 0.9658 | 0.9008 | 16.2 | 1.63 | 2.41 | 1.01 | 0.555 | 0.187 | 2.08 | 3.24 | 18.4 | 4 |
| 5 | 2.908 | 0.9548 | 0.9308 | 49.5 | 1.38 | 1.91 | 0.974 | 0.452 | 0.169 | 1.77 | 4.03 | 11.0 | 5 |
| 6 | 2.528 | 0.9458 | 1.02 B | 46.5 | 1.32 | 1.61 | 0.729 | 0.361 | 0.167 | 1.45 | 4.30 | 7.938 | 6 |
| 7 | 2.188 | 0.9358 | 1.18 B | 36.0 | 1.18 | 1.24 | 0.562 | 0.323 | 0.163 | 2.91 | 3.24 | 7.208 | 7 |
| 8 | 1.988 | 0.9268 | 1.40 B | 21.7 | 1.03 | 1.37 | 0.539 | 0.302 | 0.182 | 6.82 | 2.82 | 5.808 | 8 |
| 9 | 1.838 | 0.9218 | 1.88 B | 13.1 | 1.02 | 5.50 | 0.644 | 0.288 | 0.248 | 5.44 | 3.77 | 5.098 | 9 |
| 10 | 1.748 | 0.9138 | 1.99 B | 8.77 | 0.914 | 4.19 | 0.547 | 0.272 | 0.304 | 3.83 | 5.30 | 13.6 B | 10 |
| 11 | 1.688 | 0.8908 | 2.40 B | 7.22 | 1.04 | 2.13 | 0.487 | 0.262 | 0.286 | 2.47 | 3.98 | 23.4 B | 11 |
| 12 | 1.588 | 0.8818 | 2.85 B | 6.89 | 1.86 | 1.81 | 0.490 | 0.244 | 1.47 | 3.02 | 3.19 | 21.0 B | 12 |
| 13 | 1.508 | 0.8788 | 3.53 B | 6.51 | 1.45 | 2.02 | 0.426 | 0.262 | 12.8 | 1.82 | 2.44 | 16.5 B | 13 |
| 14 | 1.468 | 0.8738 | 3.46 B | 3.66 | 1.15 | 1.90 | 0.572 | 0.268 | 12.7 | 1.84 | 2.39 | 13.5 B | 14 |
| 15 | 1.418 | 0.8708 | 2.42 B | 3.14 | 1.78 | 1.51 | 4.56 | 0.310 | 5.09 | 1.40 | 2.32 | 11.2 B | 15 |
| 16 | 1.388 | 0.8628 | 2.38 B | 2.87 | 1.86 | 1.04 | 2.21 | 0.884 | 2.20 | 1.38 | 2.03 | 9.178 | 16 |
| 17 | 1.338 | 0.8608 | 2.37 B | 2.61 | 1.85 | 0.889 | 1.46 | 1.80 | 1.83 | 1.16 | 1.94 | 6.808 | 17 |
| 18 | 1.308 | 0.8588 | 2.52 B | 2.35 | 1.49 | 0.731 | 0.930 | 1.27 | 1.07 | 1.12 | 4.73 | 5.108 | 18 |
| 19 | 1.278 | 0.8488 | 2.76 B | 2.10 | 1.51 | 0.610 | 0.639 | 0.728 | 0.811 | 1.18 | 8.87 | 5.408 | 19 |
| 20 | 1.248 | 0.8408 | 3.01 B | 1.84 | 1.06 | 0.503 | 0.778 | 0.486 | 0.838 | 1.16 | 6.89 | 6.238 | 20 |
| 21 | 1.228 | 0.8328 | 3.52 B | 1.81 | 0.976 | 0.452 | 0.912 | 0.378 | 1.27 | 1.74 | 3.958 | 6.848 | 21 |
| 22 | 1.188 | 0.8288 | 5.33 B | 1.82 | 0.849 | 0.412 | 0.758 | 0.345 | 1.77 | 1.74 | 2.688 | 7.908 | 22 |
| 23 | 1.168 | 0.8268 | 16.3 B | 1.55 | 1.46 | 0.381 | 0.619 | 0.325 | 1.44 | 1.73 | 2.398 | 7.808 | 23 |
| 24 | 1.158 | 0.8248 | 30.9 B | 1.83 | 2.94 | 0.346 | 1.18 | 0.275 | 1.34 | 2.10 | 2.46 | 7.108 | 24 |
| 25 | 1.138 | 0.8218 | 63.0 | 1.81 | 3.22 | 0.298 | 5.68 | 0.250 | 1.10 | 4.28 | 2.87 | 7.908 | 25 |
| 26 | 1.118 | 0.8208 | 107 | 1.84 | 1.76 | 0.305 | 4.71 | 0.238 | 0.906 | 5.38 | 4.42 | 8.408 | 26 |
| 27 | 1.088 | 0.8198 | 121 | 1.48 | 1.52 | 0.896 | 2.70 | 0.209 | 0.784 | 3.63 | 3.908 | 7.048 | 27 |
| 28 | 1.078 | 0.8198 | 86.0 | 1.63 | 1.74 | 3.70 | 1.75 | 0.173 | 0.676 | 5.18 | 3.24 | 6.408 | 28 |
| 29 | 1.068 | | 72.9 | 2.38 | 1.96 | 1.81 | 1.23 | 0.186 | 1.06 | 5.98 | 3.77 | 3.708 | 29 |
| 30 | 1.038 | | 61.8 | 3.64 | 1.91 | 2.92 | 0.904 | 0.211 | 2.30 | 4.31 | 29.8 | 2.418 | 30 |
| 31 | 1.028 | | 53.7 | | 2.16 | | 0.681 | 0.216 | | 4.61 | | 2.158 | 31 |
| TOTAL | 56.69 | 24.784 | 656.462 | 330.37 | 49.659 | 51.945 | 43.496 | 13.274 | 53.786 | 86.63 | 134.93 | 350.86 | TOTAL |
| MEAN | 1.83 | 0.885 | 21.2 | 11.0 | 1.60 | 1.73 | 1.40 | 0.428 | 1.79 | 2.87 | 4.50 | 11.3 | MEAN |
| MAX | 5.26 | 1.00 | 121 | 49.5 | 3.01 | 5.50 | 5.68 | 1.80 | 12.8 | 6.82 | 29.8 | 41.3 | MAX |
| MIN | 1.02 | 0.819 | 0.815 | 1.48 | 0.849 | 0.298 | 0.426 | 0.173 | 0.182 | 1.12 | 1.94 | 2.15 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 5.85
MAXIMUM DAILY 121 ON MAR 27
MINIMUM DAILY 0.173 ON AUG 28
MAXIMUM INSTANTANEOUS
135 AT 02 16 EST ON MAR 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 36 N
LONG 75 09 12 W
DRAINAGE AREA 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 900 | JUL | 3 780 |
| FEB | 2 140 | AUG | 1 150 |
| MAR | 56 900 | SEP | 4 650 |
| APR | 28 500 | OCT | 7 470 |
| MAY | 4 290 | NOV | 11 700 |
| JUN | 4 490 | DEC | 30 300 |

TOTAL DISCHARGE 180 000 dam³

## BEAR CREEK BELOW BRIGDEN - STATION NO. 02CG009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.83 | 1.12 B | 18.5 B | 11.2 | 1.14 | 0.575 | 0.109 | 0.036 | 0.078 | 0.716 | 4.01 | 18.8 | 1 |
| 2 | 5.42 | 1.06 B | 28.0 B | 13.3 | 1.06 | 0.481 | 0.087 | 0.043 | 0.077 | 0.852 | 3.01 | 18.4 | 2 |
| 3 | 5.06 | 1.04 B | 42.0 B | 16.4 | 0.920 | 0.687 | 0.123 | 0.101 | 0.085 | 1.26 | 2.42 | 11.5 | 3 |
| 4 | 4.808 | 1.02 B | 46.7 | 17.5 | 0.785 | 0.769 | 0.153 | 0.089 | 0.083 | 2.39 | 2.18 | 8.06 | 4 |
| 5 | 4.188 | 1.00 B | 36.3 | 16.9 | 0.693 | 0.494 | 0.116 | 0.084 | 0.092 | 3.01 | 1.74 | 6.92 | 5 |
| 6 | 3.858 | 0.9808 | 18.4 | 25.1 | 0.647 | 0.370 | 0.110 | 0.084 | 0.080 | 3.05 | 1.38 | 6.27 | 6 |
| 7 | 3.73 | 0.9608 | 17.1 | 32.7 | 0.584 | 0.310 | 0.104 | 0.080 | 0.077 | 3.17 | 1.20 | 5.78 | 7 |
| 8 | 3.85 | 0.9458 | 23.4 | 30.9 | 0.544 | 0.274 | 0.088 | 0.087 | 0.081 | 2.27 | 1.07 | 5.08 | 8 |
| 9 | 3.85 | 0.9358 | 28.7 | 15.4 | 0.511 | 0.246 | 0.106 | 0.131 | 0.081 | 1.48 | 0.983 | 13.6 | 9 |
| 10 | 3.63 | 0.9288 | 26.1 | 7.44 | 0.499 | 0.202 | 0.158 | 0.211 | 0.046 | 0.988 | 0.890 | 20.1 | 10 |
| 11 | 3.64 | 0.9208 | 14.3 | 5.25 | 0.475 | 0.171 | 0.100 | 0.211 | 0.188 | 0.785 | 0.784 | 22.3 | 11 |
| 12 | 3.36 | 0.9138 | 8.62 | 4.35 | 0.467 | 0.197 | 0.087 | 0.191 | 0.230 | 0.992 | 0.711 | 22.8 | 12 |
| 13 | 3.11 | 0.9078 | 4.78 | 6.34 | 0.438 | 0.178 | 0.087 | 0.136 | 0.276 | 1.15 | 0.877 | 17.0 | 13 |
| 14 | 2.91 | 0.9008 | 3.59 | 10.7 | 0.417 | 0.181 | 0.118 | 0.111 | 0.262 | 0.807 | 0.856 | 13.7 | 14 |
| 15 | 7.78 | 0.8938 | 2.84 | 9.26 | 0.447 | 0.167 | 0.118 | 0.150 | 0.191 | 0.681 | 0.808 | 17.7 | 15 |
| 16 | 14.1 | 0.8878 | 2.59 | 7.44 | 0.471 | 0.134 | 0.150 | 0.148 | 0.140 | 0.491 | 0.883 | 30.0 | 16 |
| 17 | 14.2 | 0.8828 | 2.31 | 5.81 | 0.483 | 0.112 | 0.117 | 0.118 | 0.167 | 0.407 | 0.826 | 35.8 | 17 |
| 18 | 10.8 | 0.8808 | 2.12 | 4.57 | 0.433 | 0.093 | 0.092 | 0.101 | 0.676 | 0.373 | 0.825 | 36.3 | 18 |
| 19 | 6.008 | 0.8788 | 2.03 | 3.71 | 0.494 | 0.080 | 0.181 | 0.087 | 0.821 | 0.317 | 0.684 | 23.1 | 19 |
| 20 | 4.508 | 0.8758 | 1.99 | 3.09 | 0.456 | 0.078 | 0.186 | 0.074 | 0.845 | 0.268 | 0.449 | 19.9 | 20 |
| 21 | 3.408 | 0.8908 | 3.00 | 2.69 | 0.392 | 0.085 | 0.134 | 0.085 | 0.788 | 0.248 | 0.4268 | 27.5 | 21 |
| 22 | 2.708 | 0.9408 | 1.99 | 2.34 | 0.401 | 0.123 | 0.106 | 0.084 | 0.884 | 0.262 | 0.4008 | 33.9 | 22 |
| 23 | 2.258 | 1.24 B | 1.98 | 2.12 | 0.367 | 0.103 | 0.090 | 0.067 | 0.846 | 0.710 | 0.375 | 33.2 | 23 |
| 24 | 1.958 | 1.55 B | 1.92 | 1.96 | 0.364 | 0.114 | 0.078 | 0.050 | 0.801 | 1.48 | 0.389 | 17.3 | 24 |
| 25 | 1.708 | 1.89 B | 1.92 | 1.76 | 0.332 | 0.113 | 0.093 | 0.048 | 0.411 | 5.02 | 4.88 | 6.18 | 25 |
| 26 | 1.558 | 2.50 B | 1.88 | 1.58 | 0.289 | 0.196 | 0.086 | 0.059 | 0.348 | 5.88 | 22.6 | 6.26 | 26 |
| 27 | 1.428 | 3.25 B | 1.87 | 1.41 | 0.267 | 0.160 | 0.052 | 0.109 | 0.320 | 10.4 | 39.1 | 5.28 | 27 |
| 28 | 1.338 | 4.20 B | 1.76 | 1.30 | 0.242 | 0.150 | 0.047 | 0.094 | 0.278 | 14.0 | 43.8 | 4.40 | 28 |
| 29 | 1.268 | | 1.59 | 1.22 | 0.216 | 0.136 | 0.042 | 0.114 | 0.234 | 11.9 | 36.7 | 3.308 | 29 |
| 30 | 1.208 | | 3.89 | 1.17 | 0.209 | 0.115 | 0.038 | 0.123 | 0.213 | 10.4 | 21.4 | 2.308 | 30 |
| 31 | 1.158 | | 7.13 | | 0.483 | | 0.033 | 0.087 | | 8.73 | | 1.858 | 31 |
| TOTAL | 138.18 | 35.403 | 381.61 | 285.00 | 16.515 | 7.027 | 3.158 | 3.145 | 9.303 | 92.376 | 164.695 | 499.68 | TOTAL |
| MEAN | 4.46 | 1.26 | 11.7 | 8.83 | 0.500 | 0.234 | 0.102 | 0.101 | 0.310 | 2.98 | 5.15 | 16.1 | MEAN |
| MAX | 14.2 | 4.20 | 46.7 | 32.7 | 1.14 | 0.769 | 0.186 | 0.211 | 0.884 | 14.0 | 43.8 | 36.3 | MAX |
| MIN | 1.15 | 0.875 | 1.59 | 1.17 | 0.209 | 0.078 | 0.033 | 0.036 | 0.046 | 0.248 | 0.389 | 1.85 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 4.42
MAXIMUM DAILY 46.7 ON MAR 4
MINIMUM DAILY 0.033 ON JUL 31
MAXIMUM INSTANTANEOUS
51.3 AT 04 47 EST ON MAR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 45 46 42 N
LONG 82 17 54 W
DRAINAGE AREA 533 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11 900 | JUL | 273 |
| FEB | 3 060 | AUG | 272 |
| MAR | 31 200 | SEP | 804 |
| APR | 22 900 | OCT | 7 980 |
| MAY | 1 340 | NOV | 16 000 |
| JUN | 807 | DEC | 43 200 |

TOTAL DISCHARGE 140 000 dam³

## BEAR CREEK NEAR PETROLIA - STATION NO 02GG006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.38 | 0.5058 | 5.00 B | 5.25 | 0.506 | 0.100 | 0.051 | 0 | 0.019 | 0.149 | 1.04 | 9.53 | 1 |
| 2 | 2.20 | 0.4908 | 27.0 B | 7.24 | 0.445 | 0.108 | 0.042 | 0.006 | 0.013 | 0.244 | 0.805 | 5.38 | 2 |
| 3 | 2.12 | 0.4758 | 26.4 B | 10.1 | 0.407 | 0.170 | 0.029 | 0.006 | 0.009 | 0.687 | 0.598 | 3.83 | 3 |
| 4 | 1.90 B | 0.4658 | 16.8 B | 6.78 | 0.382 | 0.167 | 0.032 | 0.005 | 0.009 | 1.12 | 0.621 | 3.07 | 4 |
| 5 | 1.75 B | 0.4558 | 8.95 | 8.58 | 0.350 | 0.137 | 0.028 | 0.014 | 0.008 | 2.22 | 0.568 | 3.10 | 5 |
| 6 | 1.61 | 0.4458 | 6.38 B | 16.8 | 0.348 | 0.107 | 0.026 | 0.050 | 0.007 | 1.95 | 0.526 | 2.85 | 6 |
| 7 | 1.49 | 0.4378 | 13.3 | 15.7 | 0.330 | 0.074 | 0.027 | 0.042 | 0.005 | 0.883 | 0.466 | 2.39 | 7 |
| 8 | 1.52 | 0.4328 | 19.1 | 8.50 | 0.329 | 0.056 | 0.023 | 0.034 | 0.004 | 0.580 | 0.423 | 2.98 | 8 |
| 9 | 1.72 | 0.4288 | 17.9 | 3.35 | 0.298 | 0.047 | 0.021 | 0.045 | 0.002 | 0.432 | 0.387 | 4.10 | 9 |
| 10 | 1.87 | 0.4208 | 8.50 B | 2.22 | 0.278 | 0.043 | 0.026 | 0.031 | 0.002 | 0.720 | 0.338 | 15.0 | 10 |
| 11 | 1.58 | 0.4158 | 2.70 B | 1.74 | 0.267 | 0.033 | 0.034 | 0.057 | 0.011 | 0.612 | 0.337 | 10.3 | 11 |
| 12 | 1.45 | 0.4108 | 1.80 B | 2.16 | 0.251 | 0.041 | 0.022 | 0.187 | 0.006 | 0.604 | 0.349 | 6.89 | 12 |
| 13 | 1.32 | 0.4068 | 1.72 | 6.21 | 0.251 | 0.042 | 0.022 | 0.125 | 0.009 | 0.424 | 0.337 | 7.42 | 13 |
| 14 | 1.19 | 0.4028 | 1.36 | 5.25 | 0.238 | 0.027 | 0.038 | 0.083 | 0.106 | 0.330 | 0.315 | 4.86 | 14 |
| 15 | 3.84 | 0.4008 | 1.24 | 3.75 | 0.237 | 0.035 | 0.036 | 0.035 | 0.147 | 0.253 | 0.298 | 7.41 | 15 |
| 16 | 10.5 | 0.3988 | 1.10 | 2.82 | 0.304 | 0.037 | 0.225 | 0.017 | 0.109 | 0.201 | 0.283 | 23.7 | 16 |
| 17 | 3.70 B | 0.3868 | 1.02 | 2.21 | 0.307 | 0.030 | 0.201 | 0.012 | 0.088 | 0.180 | 0.238 | 18.8 | 17 |
| 18 | 2.70 B | 0.3848 | 0.950 | 1.88 | 0.244 | 0.023 | 0.100 | 0.008 | 0.185 | 0.147 | 0.233 | 7.52 | 18 |
| 19 | 3.00 B | 0.3828 | 0.877 | 1.35 | 0.215 | 0.017 | 0.061 | 0.005 | 0.426 | 0.128 | 0.222 | 3.73 | 19 |
| 20 | 1.55 B | 0.3818 | 0.950 | 1.14 | 0.208 | 0.016 | 0.031 | 0.004 | 0.725 | 0.109 | 0.214 | 9.02 | 20 |
| 21 | 1.30 B | 0.3808 | 0.883 | 1.01 | 0.206 | 0.015 | 0.018 | 0.002 | 0.516 | 0.117 | 0.2058 | 23.7 | 21 |
| 22 | 1.00 B | 0.4808 | 0.874 | 0.928 | 0.189 | 0.018 | 0.012 | 0.001 | 0.340 | 0.126 | 0.194 | 15.6 | 22 |
| 23 | 0.8708 | 0.5408 | 0.845 | 0.842 | 0.187 | 0.019 | 0.008 | 0.001 | 0.286 | 0.240 | 0.182 | 5.84 | 23 |
| 24 | 0.8008 | 0.7108 | 0.826 | 0.752 | 0.169 | 0.022 | 0.008 | 0 | 0.279 | 0.649 | 0.177 | 3.57 | 24 |
| 25 | 0.7258 | 0.8008 | 0.883 | 0.678 | 0.158 | 0.028 | 0.005 | 0 | 0.229 | 2.59 | 3.98 | 2.88 | 25 |
| 26 | 0.6708 | 1.18 B | 0.883 | 0.887 | 0.130 | 0.038 | 0.003 | 0.001 | 0.183 | 5.62 | 29.1 | 2.51 | 26 |
| 27 | 0.6258 | 1.40 B | 0.884 | 0.830 | 0.116 | 0.029 | 0.001 | 0.004 | 0.137 | 5.34 | 28.9 | 2.12 | 27 |
| 28 | 0.5908 | 1.82 B | 0.752 | 0.840 | 0.118 | 0.023 | 0.001 | 0.003 | 0.087 | 5.84 | 11.8 | 1.74 | 28 |
| 29 | 0.5608 | | 0.706 | 0.888 | 0.130 | 0.032 | 0.003 | 0.004 | 0.062 | 5.08 | 6.05 | 1.37 B | 29 |
| 30 | 0.5408 | | 1.82 | 0.851 | 0.130 | 0.080 | 0.004 | 0.011 | 0.055 | 3.11 | 11.2 | 0.8808 | 30 |
| 31 | 0.5208 | | 6.02 | | 0.108 | | 0.002 | 0.026 | | 1.61 | | 0.6008 | 31 |
| TOTAL | 98.180 | 16.043 | 180.813 | 118.958 | 7.810 | 1.880 | 1.130 | 0.798 | 4.087 | 43.886 | 100.808 | 216.880 | TOTAL |
| MEAN | 1.81 | 0.573 | 5.83 | 4.00 | 0.252 | 0.063 | 0.036 | 0.026 | 0.136 | 1.42 | 3.38 | 6.99 | MEAN |
| MAX | 10.5 | 1.82 | 28.4 | 15.8 | 0.506 | 0.170 | 0.225 | 0.187 | 0.728 | 5.84 | 29.1 | 23.7 | MAX |
| MIN | 0.520 | 0.390 | 0.706 | 0.530 | 0.108 | 0.016 | 0.001 | 0 | 0.002 | 0.108 | 0.177 | 0.800 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.08
MAXIMUM DAILY, 29.1 ON NOV 28
MINIMUM DAILY, 0 ON AUG 1
MAXIMUM INSTANTANEOUS,
44.6 AT 19:45 EST ON NOV 28

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 54 21 N
LONG 82 07 12 W
DRAINAGE AREA, 287 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 880 | JUL | 87 6 |
| FEB | 1 390 | AUG | 68.9 |
| MAR | 15 600 | SEP | 353 |
| APR | 10 400 | OCT | 3 790 |
| MAY | 675 | NOV | 8 690 |
| JUN | 137 | DEC | 18 700 |

TOTAL DISCHARGE, 84 800 dam³

## BEATTY SAUGEEN RIVER NEAR HOLSTEIN - STATION NO 02FC017

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.442 | 0.2408 | 0.2248 | 1.78 | 0.432 | 0.357 | 0.181 | 0.052 | 0.148 | 0.138 | 0.321 | 1.33 | 1 |
| 2 | 0.439 | 0.2338 | 0.3748 | 1.36 | 0.383 | 0.841 | 0.086 | 0.254 | 0.126 | 0.110 | 0.265 | 0.8038 | 2 |
| 3 | 0.4388 | 0.2248 | 0.4228 | 1.21 | 0.354 | 0.822 | 0.081 | 0.268 | 0.087 | 0.135 | 0.304 | 0.8528 | 3 |
| 4 | 0.4208 | 0.2148 | 0.4118 | 1.08 | 0.332 | 0.695 | 0.100 | 0.222 | 0.056 | 0.126 | 0.380 | 0.686 | 4 |
| 5 | 0.4108 | 0.2058 | 0.3858 | 1.87 | 0.324 | 0.472 | 0.070 | 0.155 | 0.041 | 0.078 | 0.352 | 0.510 | 5 |
| 6 | 0.400 | 0.2018 | 0.3648 | 3.31 | 0.308 | 0.381 | 0.085 | 0.128 | 0.040 | 0.083 | 0.350 | 0.4588 | 6 |
| 7 | 0.390 | 0.2108 | 0.4808 | 3.01 | 0.288 | 0.330 | 0.110 | 0.137 | 0.040 | 0.150 | 0.348 | 0.4288 | 7 |
| 8 | 0.382 | 0.2828 | 0.5218 | 2.02 | 0.282 | 0.318 | 0.208 | 0.160 | 0.033 | 0.354 | 0.597 | 0.4048 | 8 |
| 9 | 0.385 | 0.2608 | 0.7068 | 1.44 | 0.282 | 0.283 | 0.388 | 0.588 | 0.030 | 0.224 | 0.886 | 0.844 | 9 |
| 10 | 0.383 | 0.2428 | 0.6398 | 1.12 | 0.268 | 0.240 | 0.238 | 0.581 | 0.026 | 0.174 | 0.785 | 0.925 | 10 |
| 11 | 0.388 | 0.2368 | 0.4688 | 1.00 | 0.285 | 0.287 | 0.287 | 0.336 | 0.084 | 0.127 | 0.5238 | 0.888 | 11 |
| 12 | 0.388 | 0.2298 | 0.4638 | 0.911 | 0.304 | 0.284 | 0.181 | 0.254 | 0.101 | 0.117 | 0.4278 | 0.723 | 12 |
| 13 | 0.389 | 0.2208 | 0.4448 | 0.800 | 0.280 | 0.248 | 0.247 | 0.196 | 0.070 | 0.080 | 0.396 | 0.681 | 13 |
| 14 | 0.403 | 0.2138 | 0.4318 | 0.670 | 0.235 | 0.194 | 0.806 | 0.180 | 0.064 | 0.084 | 0.361 | 0.586 | 14 |
| 15 | 0.428 | 0.2068 | 0.4288 | 0.805 | 0.264 | 0.142 | 0.481 | 0.314 | 0.030 | 0.084 | 0.330 | 0.446 | 15 |
| 16 | 0.4198 | 0.2038 | 0.4188 | 0.889 | 0.218 | 0.108 | 0.318 | 0.217 | 0.028 | 0.044 | 0.316 | 0.5178 | 16 |
| 17 | 0.3898 | 0.1898 | 0.4048 | 0.748 | 0.198 | 0.083 | 0.219 | 0.196 | 0.093 | 0.048 | 0.332 | 0.4618 | 17 |
| 18 | 0.3908 | 0.1868 | 0.3888 | 0.711 | 0.180 | 0.068 | 0.174 | 0.177 | 0.096 | 0.098 | 0.383 | 0.4358 | 18 |
| 19 | 0.3878 | 0.1838 | 0.3958 | 0.638 | 0.185 | 0.077 | 0.332 | 0.135 | 0.075 | 0.101 | 0.365 | 0.400 | 19 |
| 20 | 0.3828 | 0.1898 | 0.5028 | 0.588 | 0.231 | 0.054 | 1.48 | 0.140 | 0.086 | 0.111 | 0.3598 | 0.538 | 20 |
| 21 | 0.3788 | 0.1868 | 0.6048 | 0.534 | 0.238 | 0.037 | 0.610 | 0.117 | 0.114 | 0.138 | 0.3648 | 0.801 | 21 |
| 22 | 0.370 | 0.1838 | 0.922 | 0.478 | 0.278 | 0.204 | 0.550 | 0.127 | 0.124 | 0.134 | 0.2718 | 0.770 | 22 |
| 23 | 0.366 | 0.1818 | 1.42 | 0.485 | 0.293 | 0.314 | 0.374 | 0.107 | 0.083 | 0.196 | 0.2918 | 0.898 | 23 |
| 24 | 0.3338 | 0.1798 | 2.30 | 0.472 | 0.273 | 0.187 | 0.368 | 0.087 | 0.080 | 0.277 | 0.438 | 0.829 | 24 |
| 25 | 0.3078 | 0.1788 | 3.04 | 0.417 | 0.232 | 0.128 | 0.368 | 0.065 | 0.083 | 0.518 | 0.416 | 1.18 | 25 |
| 26 | 0.2888 | 0.1748 | 3.71 | 0.408 | 0.233 | 0.112 | 0.235 | 0.058 | 0.048 | 0.390 | 0.518 | 1.38 B | 26 |
| 27 | 0.2728 | 0.1618 | 4.20 | 0.388 | 0.248 | 0.082 | 0.186 | 0.050 | 0.108 | 0.483 | 0.487 | 1.15 B | 27 |
| 28 | 0.2618 | 0.1838 | 2.88 | 0.877 | 0.207 | 0.088 | 0.133 | 0.048 | 0.398 | 0.557 | 0.430 | 0.9708 | 28 |
| 29 | 0.2578 | | 1.88 | 0.583 | 0.173 | 0.101 | 0.096 | 0.071 | 0.184 | 0.503 | 0.784 | 0.8488 | 29 |
| 30 | 0.2488 | | 2.18 | 0.483 | 0.142 | 0.278 | 0.088 | 0.080 | 0.148 | 0.441 | 1.26 | 0.7758 | 30 |
| 31 | 0.2468 | | 2.31 | | 0.167 | | 0.080 | 0.128 | | 0.353 | | 0.7238 | 31 |
| TOTAL | 11.379 | 5.822 | 36.704 | 30.818 | 7.978 | 7.804 | 8.074 | 5.748 | 2.808 | 6.392 | 13.716 | 22.301 | TOTAL |
| MEAN | 0.367 | 0.208 | 1.18 | 1.03 | 0.257 | 0.260 | 0.283 | 0.185 | 0.087 | 0.206 | 0.457 | 0.719 | MEAN |
| MAX | 0.442 | 0.282 | 5.71 | 3.31 | 0.432 | 0.922 | 1.48 | 0.589 | 0.398 | 0.557 | 1.26 | 1.33 | MAX |
| MIN | 0.248 | 0.174 | 0.224 | 0.388 | 0.142 | 0.037 | 0.070 | 0.048 | 0.028 | 0.044 | 0.268 | 0.488 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.628
MAXIMUM DAILY, 5.71 ON MAR 25
MINIMUM DAILY, 0.028 ON SEP 10
MAXIMUM INSTANTANEOUS,
8.19 AT 19:45 EST ON MAR 25

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 06 23 N
LONG 80 44 40 W
DRAINAGE AREA, 90.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 883 | JUL | 784 |
| FEB | 503 | AUG | 497 |
| MAR | 3 170 | SEP | 326 |
| APR | 2 670 | OCT | 982 |
| MAY | 688 | NOV | 1 180 |
| JUN | 648 | DEC | 1 930 |

TOTAL DISCHARGE, 13 800 dam³

## BEAVER CREEK NEAR HARMORA - STATION NO. 02HK008

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.058 | 3.278 | 3.089 | 48.5 | 8.06 | 3.14 | 1.43 | 0.364 | 0.070 | 0.219 | 2.23 | 9.518 | 1 |
| 2 | 5.458 | 3.288 | 3.458 | 45.8 | 7.72 | 3.03 | 1.34 | 0.367 | 0.067 | 0.228 | 2.23 | 10.2 | 2 |
| 3 | 5.558 | 3.298 | 4.638 | 39.9 | 7.06 | 2.93 | 1.26 | 0.361 | 0.065 | 0.232 | 2.18 | 10.6 B | 3 |
| 4 | 5.308 | 3.318 | 4.488 | 36.2 | 6.53 | 2.75 | 1.26 | 0.330 | 0.064 | 0.211 | 2.15 | 10.4 | 4 |
| 5 | 4.958 | 3.348 | 4.338 | 43.6 | 6.15 | 2.60 | 1.28 | 0.336 | 0.064 | 0.219 | 2.20 | 9.63 | 5 |
| 6 | 4.658 | 3.378 | 4.208 | 60.1 | 5.76 | 2.52 | 1.60 | 0.310 | 0.064 | 0.260 | 2.25 | 9.248 | 6 |
| 7 | 4.458 | 3.408 | 4.038 | 62.8 | 5.32 | 2.51 | 2.23 | 0.280 | 0.065 | 0.428 | 2.30 | 8.818 | 7 |
| 8 | 4.298 | 3.438 | 4.438 | 60.0 | 4.85 | 2.67 | 2.47 | 0.276 | 0.070 | 0.467 | 2.37 | 8.338 | 8 |
| 9 | 4.158 | 3.468 | 5.258 | 57.8 | 4.47 | 3.30 | 2.67 | 0.285 | 0.088 | 0.517 | 2.82 | 8.48 | 9 |
| 10 | 4.068 | 3.488 | 5.778 | 56.7 | 4.08 | 3.67 | 2.53 | 0.288 | 0.081 | 0.704 | 2.58 | 9.40 | 10 |
| 11 | 4.068 | 3.478 | 5.858 | 52.5 | 3.86 | 3.88 | 2.11 | 0.238 | 0.075 | 0.736 | 2.61 | 10.1 | 11 |
| 12 | 4.008 | 3.428 | 5.308 | 46.9 | 4.06 | 3.81 | 1.71 | 0.211 | 0.081 | 0.721 | 2.58 | 10.5 | 12 |
| 13 | 3.958 | 3.388 | 5.068 | 42.0 | 3.89 | 3.46 | 1.49 | 0.181 | 0.088 | 0.780 | 2.52 | 10.6 | 13 |
| 14 | 3.938 | 3.348 | 4.888 | 37.5 | 3.62 | 3.20 | 1.47 | 0.178 | 0.091 | 0.668 | 2.50 | 10.5 | 14 |
| 15 | 3.878 | 3.308 | 4.858 | 33.4 | 4.49 | 2.90 | 1.43 | 0.214 | 0.089 | 0.623 | 2.48 | 10.6 B | 15 |
| 16 | 3.838 | 3.288 | 4.488 | 30.2 | 5.33 | 2.83 | 1.38 | 0.215 | 0.088 | 0.582 | 2.38 | 10.8 B | 16 |
| 17 | 3.788 | 3.198 | 4.388 | 27.4 | 5.08 | 2.61 | 1.28 | 0.202 | 0.083 | 0.586 | 2.37 | 11.4 B | 17 |
| 18 | 3.728 | 3.148 | 4.488 | 23.6 | 4.67 | 2.26 | 1.23 | 0.181 | 0.084 | 0.584 | 2.73 | 11.5 B | 18 |
| 19 | 3.688 | 3.098 | 4.708 | 14.7 | 4.28 | 2.13 | 1.19 | 0.166 | 0.078 | 1.86 | 3.18 | 11.3 B | 19 |
| 20 | 3.608 | 3.028 | 5.088 | 10.3 | 3.96 | 1.96 | 1.06 | 0.131 | 0.111 | 2.52 | 3.42 | 11.4 | 20 |
| 21 | 3.548 | 2.958 | 5.308 | 8.58 | 3.86 | 1.80 | 0.985 | 0.118 | 0.138 | 2.57 | 3.83 | 12.3 B | 21 |
| 22 | 3.488 | 2.948 | 6.058 | 7.59 | 3.56 | 1.70 | 0.855 | 0.132 | 0.171 | 2.56 | 3.38 | 12.3 B | 22 |
| 23 | 3.458 | 2.898 | 7.008 | 7.07 | 3.56 | 1.61 | 0.740 | 0.128 | 0.202 | 2.62 | 3.36 | 12.2 | 23 |
| 24 | 3.418 | 2.848 | 9.208 | 6.86 | 3.41 | 1.58 | 0.695 | 0.118 | 0.222 | 2.66 | 3.26 | 11.6 B | 24 |
| 25 | 3.378 | 2.808 | 10.6 B | 6.76 | 3.36 | 1.47 | 0.624 | 0.111 | 0.230 | 2.79 | 3.51 | 11.8 | 25 |
| 26 | 3.338 | 2.768 | 13.8 B | 8.46 | 3.25 | 1.51 | 0.574 | 0.109 | 0.229 | 2.76 | 3.82 | 12.4 B | 26 |
| 27 | 3.308 | 2.738 | 16.2 | 8.16 | 3.22 | 1.62 | 0.529 | 0.091 | 0.221 | 2.73 | 3.86 | 13.1 B | 27 |
| 28 | 3.278 | 2.718 | 20.6 | 8.86 | 3.32 | 1.67 | 0.484 | 0.080 | 0.230 | 2.67 | 4.27 | 11.6 B | 28 |
| 29 | 3.288 | | 23.2 | 7.71 | 3.46 | 1.58 | 0.451 | 0.082 | 0.231 | 2.58 | 5.08 | 11.2 B | 29 |
| 30 | 3.258 | | 24.6 | 8.02 | 3.43 | 1.49 | 0.429 | 0.077 | 0.238 | 2.44 | 7.84 | 10.6 B | 30 |
| 31 | 3.258 | | 25.6 | | 3.25 | | 0.388 | 0.072 | | 2.34 | | 10.2 B | 31 |
| TOTAL | 124.61 | 88.89 | 295.71 | 901.23 | 161.04 | 73.26 | 39.118 | 6.178 | 3.882 | 61.835 | 91.48 | 332.36 | TOTAL |
| MEAN | 4.02 | 3.17 | 8.87 | 30.0 | 4.55 | 2.44 | 1.26 | 0.199 | 0.123 | 1.36 | 3.05 | 10.7 | MEAN |
| MAX | 5.05 | 3.44 | 25.6 | 62.8 | 8.06 | 3.89 | 2.67 | 0.364 | 0.235 | 2.79 | 7.84 | 12.4 | MAX |
| MIN | 3.25 | 2.71 | 3.05 | 6.15 | 3.22 | 1.47 | 0.388 | 0.072 | 0.064 | 0.211 | 2.15 | 8.33 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 5.78
MAXIMUM DAILY, 62.8 ON APR 7
MINIMUM DAILY, 0.064 ON SEP 4
MAXIMUM INSTANTANEOUS,
66.7 AT 02:30 EST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 02 N
LONG 77 41 56 W
DRAINAGE AREA, 641 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 10 800 | JUL | 3 380 |
| FEB | 7 680 | AUG | 534 |
| MAR | 23 000 | SEP | 318 |
| APR | 77 900 | OCT | 3 810 |
| MAY | 13 200 | NOV | 7 900 |
| JUN | 6 330 | DEC | 28 700 |

TOTAL DISCHARGE, 182 000 dam³

## BEAVER RIVER NEAR CLARKSBURG - STATION NO. 02FB005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.61 | 6.868 | 8.008 | 31.5 | 8.08 | 5.64 | 3.84 | 2.30 | 2.46 | 2.91 | 4.28 | 14.2 | 1 |
| 2 | 8.41 | 6.038 | 9.608 | 31.0 | 7.81 | 5.75 | 3.68 | 2.41 | 2.18 | 2.83 | 3.63 | 12.5 | 2 |
| 3 | 8.10 | 5.258 | 11.8 | 19.8 | 7.54 | 5.82 | 3.54 | 3.15 | 2.06 | 2.84 | 3.72 | 11.2 | 3 |
| 4 | 8.008 | 5.658 | 11.4 | 16.5 | 7.45 | 5.64 | 3.51 | 2.98 | 1.82 | 2.81 | 4.08 | 10.2 | 4 |
| 5 | 7.908 | 5.808 | 10.2 | 38.5 | 6.86 | 5.14 | 3.54 | 2.61 | 1.86 | 2.43 | 5.51 | 9.22 | 5 |
| 6 | 7.808 | 5.408 | 8.78 | 38.7 | 5.85 | 4.86 | 3.46 | 2.40 | 1.83 | 2.34 | 6.03 | 8.80 | 6 |
| 7 | 7.72 | 5.208 | 22.0 | 31.7 | 5.32 | 4.65 | 3.49 | 2.39 | 1.76 | 2.30 | 5.80 | 7.83 | 7 |
| 8 | 7.65 | 5.138 | 34.2 | 27.2 | 5.08 | 4.60 | 3.89 | 2.39 | 1.75 | 3.02 | 6.78 | 8.47 | 8 |
| 9 | 7.37 | 5.108 | 27.2 | 24.0 | 4.71 | 4.65 | 3.80 | 3.50 | 1.75 | 3.06 | 7.75 | 15.8 | 9 |
| 10 | 7.41 | 6.008 | 21.0 | 21.0 | 4.44 | 4.33 | 3.80 | 2.71 | 1.74 | 2.89 | 7.23 | 12.4 | 10 |
| 11 | 7.43 | 6.708 | 18.0 | 18.4 | 4.77 | 4.15 | 3.76 | 2.56 | 1.72 | 2.84 | 6.63 | 11.1 | 11 |
| 12 | 7.41 | 6.408 | 15.5 B | 17.4 | 5.17 | 4.41 | 3.81 | 3.31 | 1.73 | 2.41 | 5.98 | 10.6 | 12 |
| 13 | 7.38 | 6.208 | 14.3 B | 16.1 | 4.88 | 4.86 | 3.43 | 2.24 | 1.71 | 2.36 | 5.43 | 10.7 | 13 |
| 14 | 7.38 | 6.008 | 13.9 | 14.9 | 4.48 | 4.62 | 3.31 | 2.32 | 1.84 | 2.33 | 5.07 | 10.8 | 14 |
| 15 | 7.70 | 5.958 | 12.7 | 14.4 | 4.78 | 5.58 | 3.87 | 2.45 | 1.89 | 2.23 | 4.97 | 10.4 | 15 |
| 16 | 7.86 | 5.858 | 10.9 | 13.9 | 4.85 | 5.18 | 3.22 | 2.35 | 1.87 | 2.26 | 4.31 | 10.2 | 16 |
| 17 | 7.458 | 5.808 | 9.84 | 13.2 | 4.52 | 4.95 | 2.86 | 2.26 | 1.87 | 2.21 | 4.14 | 9.808 | 17 |
| 18 | 7.258 | 5.958 | 9.18 | 12.6 | 4.39 | 4.63 | 2.68 | 2.29 | 1.80 | 2.26 | 4.11 | 9.308 | 18 |
| 19 | 6.858 | 6.208 | 8.88 | 11.8 | 4.28 | 3.19 | 2.84 | 2.17 | 1.76 | 2.32 | 4.81 | 9.058 | 19 |
| 20 | 8.608 | 6.708 | 8.33 | 11.2 | 4.14 | 2.88 | 3.97 | 2.08 | 1.78 | 2.43 | 5.88 | 11.0 | 20 |
| 21 | 8.308 | 7.108 | 10.5 | 10.5 | 4.14 | 2.88 | 5.09 | 1.88 | 1.83 | 2.73 | 6.858 | 13.3 | 21 |
| 22 | 8.108 | 8.808 | 12.5 | 9.85 | 5.26 | 2.80 | 4.88 | 1.80 | 1.74 | 2.79 | 6.208 | 13.0 | 22 |
| 23 | 8.808 | 8.498 | 14.8 | 9.52 | 5.75 | 3.55 | 4.24 | 1.86 | 1.85 | 2.80 | 7.83 | 11.1 | 23 |
| 24 | 8.808 | 7.408 | 17.1 | 9.11 | 5.12 | 3.23 | 3.84 | 1.72 | 1.89 | 3.18 | 10.4 | 10.4 | 24 |
| 25 | 8.858 | 7.008 | 18.6 | 8.73 | 4.84 | 2.88 | 3.80 | 1.88 | 1.88 | 4.40 | 9.83 | 10.8 | 25 |
| 26 | 9.008 | 6.858 | 25.6 | 8.40 | 4.80 | 2.86 | 3.33 | 1.80 | 1.49 | 4.13 | 8.108 | 14.4 | 26 |
| 27 | 8.988 | 7.108 | 23.6 | 8.34 | 4.78 | 2.83 | 3.14 | 1.88 | 1.48 | 4.80 | 8.858 | 11.0 B | 27 |
| 28 | 8.858 | 7.408 | 22.2 | 8.77 | 4.32 | 3.57 | 2.79 | 1.80 | 1.87 | 5.87 | 8.87 | 8.008 | 28 |
| 29 | 8.848 | | 20.6 | 8.87 | 3.71 | 3.80 | 2.57 | 1.81 | 1.78 | 5.46 | 15.8 | 8.708 | 29 |
| 30 | 8.938 | | 23.7 | 8.53 | 3.38 | 2.84 | 2.45 | 1.99 | 2.03 | 5.11 | 16.8 | 8.408 | 30 |
| 31 | 8.958 | | 22.4 | | 3.26 | | 2.34 | 2.28 | | 4.85 | | 8.308 | 31 |
| TOTAL | 209.61 | 176.33 | 498.90 | 495.72 | 158.38 | 126.59 | 94.40 | 68.78 | 53.07 | 85.78 | 204.35 | 329.87 | TOTAL |
| MEAN | 8.76 | 8.26 | 16.1 | 16.5 | 5.11 | 4.22 | 3.05 | 2.22 | 1.77 | 3.09 | 6.81 | 10.6 | MEAN |
| MAX | 8.81 | 8.80 | 34.2 | 38.5 | 8.08 | 5.88 | 5.09 | 3.15 | 2.48 | 5.87 | 15.8 | 16.9 | MAX |
| MIN | 4.80 | 4.88 | 8.00 | 8.34 | 3.26 | 2.56 | 2.34 | 1.58 | 1.48 | 2.21 | 3.72 | 8.30 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 8.88
MAXIMUM DAILY, 38.5 ON APR 5
MINIMUM DAILY, 1.48 ON SEP 26
MAXIMUM INSTANTANEOUS,
47.8 AT 08:03 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 20 N
LONG 80 28 00 W
DRAINAGE AREA 873 km²

B - ICE CONDITIONS

REGULATED SINCE 1915

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 15 100 | JUL | 8 180 |
| FEB | 15 100 | AUG | 5 840 |
| MAR | 43 200 | SEP | 4 580 |
| APR | 42 600 | OCT | 8 280 |
| MAY | 13 700 | NOV | 17 700 |
| JUN | 10 900 | DEC | 28 500 |

TOTAL DISCHARGE, 217 000 dam³

## BEAVERTON RIVER NEAR BEAVERTON - STATION NO. 02EC011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.78 | 0.995B | 0.900B | 10.7 | 2.31 | 0.477 | 0.438 | 0.956 | 0.522 | 1.46 | 1.95 | 10.5 | 1 |
| 2 | 2.67 | 0.995B | 1.50 B | 11.2 | 2.01 | 0.890 | 0.401 | 0.992 | 0.488 | 1.42 | 1.98 | 7.405 | 2 |
| 3 | 2.46 | 1.15 B | 2.50 B | 11.8 | 1.86 | 0.842 | 0.389 | 1.15 | 0.422 | 1.39 | 1.92 | 5.405 | 3 |
| 4 | 2.105 | 1.12 B | 3.70 B | 13.4 | 1.71 | 0.726 | 0.467 | 1.08 | 0.334 | 1.27 | 2.12 | 4.208 | 4 |
| 5 | 2.005 | 1.08 B | 3.51 B | 25.7 | 1.61 | 0.844 | 0.482 | 1.03 | 0.309 | 1.05 | 2.88 | 3.808 | 5 |
| 6 | 1.905 | 1.05 B | 2.99 B | 17.0 | 1.47 | 0.856 | 0.486 | 0.969 | 0.282 | 0.917 | 2.85 | 3.208 | 6 |
| 7 | 1.805 | 1.05 B | 3.74 B | 13.7 | 1.35 | 0.851 | 0.521 | 0.949 | 0.287 | 0.927 | 2.85 | 2.958 | 7 |
| 8 | 1.705 | 1.10 B | 10.0 B | 11.7 | 1.28 | 0.759 | 2.08 | 1.00 | 0.265 | 1.48 | 4.75 | 2.705 | 8 |
| 9 | 1.645 | 1.04 B | 20.0 B | 10.0 | 1.19 | 0.783 | 4.51 | 1.01 | 0.256 | 1.49 | 8.07 | 4.33 | 9 |
| 10 | 1.585 | 0.980B | 14.4 B | 8.39 | 1.09 | 0.709 | 3.90 | 1.08 | 0.254 | 1.39 | 6.00 | 7.85 | 10 |
| 11 | 1.518 | 0.920B | 9.51 B | 7.18 | 1.08 | 0.642 | 4.11 | 1.01 | 0.233 | 1.28 | 4.74 | 8.74 | 11 |
| 12 | 1.478 | 0.860B | 6.44 B | 6.32 | 1.11 | 0.633 | 4.89 | 0.926 | 0.234 | 1.26 | 4.13 | 8.29 | 12 |
| 13 | 1.438 | 0.850B | 5.70 B | 5.81 | 0.988 | 0.654 | 4.84 | 0.859 | 0.242 | 1.19 | 3.78 | 6.26 | 13 |
| 14 | 1.418 | 0.820B | 5.30 B | 5.42 | 0.982 | 0.590 | 5.55 | 0.823 | 0.330 | 1.11 | 3.54 | 5.83 | 14 |
| 15 | 1.408 | 0.790B | 5.00 B | 5.32 | 1.82 | 0.511 | 7.36 | 0.791 | 0.312 | 1.13 | 3.12 | 4.578 | 15 |
| 16 | 1.628 | 0.770B | 4.80 B | 5.20 | 1.84 | 0.448 | 5.83 | 0.752 | 0.280 | 1.12 | 2.85 | 4.008 | 16 |
| 17 | 1.508 | 0.760B | 4.80 B | 4.88 | 1.29 | 0.395 | 4.72 | 0.771 | 0.248 | 1.13 | 2.74 | 3.808 | 17 |
| 18 | 1.488 | 0.740B | 5.48 B | 4.58 | 1.04 | 0.371 | 4.18 | 0.800 | 0.333 | 1.20 | 3.55 | 3.808 | 18 |
| 19 | 1.418 | 0.728B | 7.15 B | 4.37 | 0.858 | 0.339 | 3.80 | 0.803 | 0.472 | 1.22 | 3.84 | 3.458 | 19 |
| 20 | 1.358 | 0.730B | 9.00 B | 4.01 | 0.754 | 0.323 | 4.53 | 0.773 | 0.500 | 1.20 | 3.44 | 3.808 | 20 |
| 21 | 1.308 | 0.725B | 10.3 B | 3.88 | 0.897 | 0.315 | 4.82 | 0.722 | 0.719 | 1.24 | 2.708 | 5.808 | 21 |
| 22 | 1.258 | 0.720B | 12.7 B | 3.36 | 0.898 | 0.329 | 3.86 | 0.677 | 0.960 | 1.28 | 2.408 | 5.208 | 22 |
| 23 | 1.208 | 0.730B | 14.8 B | 3.11 | 0.844 | 0.395 | 3.05 | 0.646 | 0.818 | 1.54 | 2.11 | 5.12 | 23 |
| 24 | 1.178 | 0.770B | 15.4 B | 2.89 | 0.596 | 0.363 | 2.82 | 0.615 | 0.709 | 1.78 | 2.30 | 4.558 | 24 |
| 25 | 1.148 | 0.740B | 15.4 | 2.89 | 0.593 | 0.340 | 3.28 | 0.589 | 0.641 | 2.87 | 1.788 | 4.48 | 25 |
| 26 | 1.118 | 0.726B | 14.8 | 2.38 | 0.580 | 0.341 | 1.87 | 0.586 | 0.630 | 2.50 | 1.778 | 7.208 | 26 |
| 27 | 1.088 | 0.720B | 13.0 | 2.31 | 0.808 | 0.391 | 1.72 | 0.560 | 0.685 | 2.32 | 1.788 | 5.008 | 27 |
| 28 | 1.088 | 0.730B | 11.2 | 2.87 | 0.822 | 0.457 | 1.48 | 0.530 | 0.887 | 2.34 | 2.108 | 5.008 | 28 |
| 29 | 1.048 | | 9.84 | 2.88 | 0.581 | 0.434 | 1.32 | 0.528 | 1.08 | 2.20 | 3.78 | 4.008 | 29 |
| 30 | 1.028 | | 10.7 | 2.84A | 0.484 | 0.449 | 1.18 | 0.514 | 1.21 | 2.15 | 5.74 | 3.208 | 30 |
| 31 | 1.008 | | 12.2 | | 0.425 | | 1.07 | 0.540 | | 1.88 | | 2.808 | 31 |
| TOTAL | 47.69 | 24.425 | 288.740 | 215.12 | 34.059 | 15.830 | 89.224 | 25.082 | 14.845 | 46.824 | 101.16 | 157.85 | TOTAL |
| MEAN | 1.54 | 0.872 | 9.60 | 7.17 | 1.10 | 0.528 | 2.88 | 0.809 | 0.495 | 1.50 | 3.37 | 5.09 | MEAN |
| MAX | 2.78 | 1.15 | 20.0 | 25.7 | 2.31 | 0.890 | 7.36 | 1.15 | 1.21 | 2.87 | 8.74 | 10.5 | MAX |
| MIN | 1.00 | 0.720 | 0.900 | 2.31 | 0.425 | 0.315 | 0.389 | 0.514 | 0.233 | 0.917 | 1.74 | 2.70 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.85
MAXIMUM DAILY, 25.7 ON APR 5
MINIMUM DAILY, 0.233 ON SEP 11
MAXIMUM INSTANTANEOUS
29.9 AT 05:30 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 33 49 N
LONG 79 04 16 W
DRAINAGE AREA, 282 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 120 | JUL | 7 710 |
| FEB | 2 110 | AUG | 2 170 |
| MAR | 23 000 | SEP | 1 280 |
| APR | 18 500 | OCT | 4 030 |
| MAY | 2 940 | NOV | 8 740 |
| JUN | 1 370 | DEC | 13 800 |

TOTAL DISCHARGE, 89 700 dam³

## BERENS RIVER ABOVE BERENS LAKE - STATION NO. 05RC001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.68 | 15.68 | 11.58 | 13.18 | 183 | 84.4 | 36.3E | 14.1 | 11.3 | 7.56 | 8.73 | 9.758 | 1 |
| 2 | 20.78 | 15.78 | 11.58 | 13.58 | 186 | 83.8 | 35.4E | 13.4 | 11.2 | 7.55 | 8.89 | 8.638 | 2 |
| 3 | 20.88 | 15.58 | 11.48 | 14.28 | 146 | 82.5 | 32.7E | 12.7 | 11.2 | 7.57 | 10.1 | 8.518 | 3 |
| 4 | 20.48 | 15.38 | 11.38 | 14.98 | 141 | 82.4 | 31.0E | 12.2 | 11.2 | 7.78 | 10.6 | 9.398 | 4 |
| 5 | 20.28 | 15.38 | 11.28 | 15.68 | 133 | 82.3 | 28.7E | 11.9 | 10.9 | 8.33 | 10.6 | 9.278 | 5 |
| 6 | 20.18 | 15.18 | 11.18 | 17.38 | 134 | 82.8 | 27.0E | 12.2 | 10.7 | 8.21 | 10.6 | 9.158 | 6 |
| 7 | 19.98 | 15.08 | 11.08 | 19.5 | 117 | 87.7 | 24.4E | 12.3 | 10.6 | 8.23 | 10.8 | 9.068 | 7 |
| 8 | 19.78 | 14.98 | 10.88 | 23.5 | 110 | 78.8 | 21.3E | 12.3 | 10.3 | 8.36 | 10.6 | 8.948 | 8 |
| 9 | 19.88 | 14.88 | 10.88 | 31.1 | 104 | 83.7 | 18.5E | 12.1 | 10.1 | 8.37 | 10.8 | 8.858 | 9 |
| 10 | 19.48 | 14.88 | 10.88 | 46.4 | 98.1 | 86.2 | 17.8E | 11.7 | 9.87 | 8.13 | 10.5 | 8.788 | 10 |
| 11 | 19.38 | 14.48 | 10.78 | 88.1 | 91.0 | 87.0 | 17.8E | 12.6 | 9.75 | 8.08 | 10.8 | 8.678 | 11 |
| 12 | 19.08 | 14.38 | 10.68 | 87.1 | 83.4 | 87.5 | 18.4E | 12.7 | 9.61 | 8.05 | 10.7 | 8.558 | 12 |
| 13 | 18.98 | 14.18 | 10.58 | 111 | 78.5 | 88.3 | 19.7E | 12.6 | 9.44 | 8.02 | 10.8 | 8.488 | 13 |
| 14 | 18.68 | 13.98 | 10.48 | 130 | 89.3 | 87.0A | 20.7E | 12.4 | 9.31 | 8.04 | 10.9 | 8.348 | 14 |
| 15 | 18.58 | 13.78 | 10.48 | 150 | 87.1 | 85.3E | 21.1E | 12.2 | 9.24 | 7.97 | 10.9 | 8.288 | 15 |
| 16 | 18.38 | 13.58 | 10.48 | 170 | 85.6 | 83.8E | 21.3E | 12.3 | 9.10 | 8.03 | 11.2 | 8.178 | 16 |
| 17 | 18.28 | 13.48 | 10.38 | 188 | 83.6 | 81.0E | 21.2E | 12.4 | 9.00 | 7.96 | 11.3 | 8.108 | 17 |
| 18 | 18.08 | 13.18 | 10.38 | 205 | 81.7 | 78.0E | 20.7E | 12.4 | 8.94 | 8.32 | 11.4 | 8.028 | 18 |
| 19 | 17.88 | 13.18 | 10.38 | 220 | 80.7 | 74.8E | 20.1E | 12.5 | 8.82 | 8.84 | 11.3 | 7.958 | 19 |
| 20 | 17.78 | 12.98 | 10.48 | 232 | 57.9 | 71.4E | 19.5E | 12.6 | 8.73 | 9.09 | 11.0 | 7.858 | 20 |
| 21 | 17.58 | 12.78 | 10.48 | 236 | 56.6 | 68.7E | 18.9A | 13.1 | 8.51 | 9.26 | 10.8 | 7.778 | 21 |
| 22 | 17.48 | 12.78 | 10.58 | 235 | 55.4 | 65.5E | 18.1 | 13.2 | 8.43 | 9.29 | 11.0 | 7.708 | 22 |
| 23 | 17.38 | 12.58 | 10.68 | 228 | 54.5 | 62.2E | 17.8 | 13.1 | 8.29 | 9.28 | 10.9 | 7.628 | 23 |
| 24 | 17.18 | 12.38 | 10.68 | 216 | 53.5 | 58.3E | 17.1 | 13.1 | 7.96 | 9.24 | 10.8 | 7.558 | 24 |
| 25 | 16.98 | 12.38 | 10.88 | 206 | 53.0 | 54.7E | 16.6 | 12.8 | 7.81 | 9.17 | 10.8 | 7.488 | 25 |
| 26 | 16.88 | 12.18 | 11.18 | 197 | 53.2 | 51.4E | 16.4 | 12.6 | 7.75 | 9.25 | 10.4 B | 7.408 | 26 |
| 27 | 16.68 | 11.98 | 11.38 | 191 | 53.6 | 48.1E | 16.2 | 12.4 | 7.73 | 9.36 | 10.2 B | 7.338 | 27 |
| 28 | 16.48 | 11.98 | 11.58 | 186 | 55.9 | 45.0E | 15.8 | 12.2 | 7.68 | 9.43 | 10.1 B | 7.278 | 28 |
| 29 | 16.38 | | 11.98 | 178 | 58.5 | 43.0E | 15.3 | 12.1 | 7.60 | 9.56 | 9.928 | 7.208 | 29 |
| 30 | 16.18 | | 12.38 | 171 | 62.3 | 40.6E | 14.7 | 11.7 | 7.47 | 9.65 | 9.828 | 7.138 | 30 |
| 31 | 15.98 | | 12.68 | | 64.0 | | 14.4 | 11.4 | | 9.86 | | 7.088 | 31 |
| TOTAL | 570.0 | 386.6 | 339.7 | 3 818.5 | 2 612.5 | 2 054.6 | 656.5 | 387.3 | 278.54 | 265.38 | 318.36 | 256.20 | TOTAL |
| MEAN | 18.4 | 13.8 | 11.0 | 127 | 84.3 | 68.5 | 21.2 | 12.5 | 9.28 | 8.56 | 10.6 | 8.26 | MEAN |
| MAX | 20.9 | 15.8 | 12.6 | 236 | 183 | 88.3 | 36.3 | 14.1 | 11.3 | 9.86 | 11.4 | 9.75 | MAX |
| MIN | 15.9 | 11.9 | 10.3 | 13.1 | 53.0 | 40.6 | 14.4 | 11.4 | 7.47 | 7.55 | 9.73 | 7.08 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.7
MAXIMUM DAILY, 236 ON APR 21
MINIMUM DAILY, 7.088 ON DEC 31
MAXIMUM INSTANTANEOUS
238 AT 15:00 CST ON APR 21

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 45 N
LONG 93 31 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 49 200 | JUL | 56 700 |
| FEB | 33 400 | AUG | 33 500 |
| MAR | 28 400 | SEP | 24 100 |
| APR | 330 000 | OCT | 22 900 |
| MAY | 236 000 | NOV | 27 500 |
| JUN | 176 000 | DEC | 22 100 |

TOTAL DISCHARGE, 1 030 000 dam³

## BERRY CREEK AT THE OUTLET OF BERRY LAKE - STATION NO. 05PD026

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.35 | 1.27 | 1.32E | 4.62 | 4.51 | 5.73E | 0.214 | 1.52 | 0.526 | 0.642 | 0.406 | 0.313 | 1 |
| 2 | 1.35 | 1.26 | 1.33A | 4.80 | 4.25 | 5.71E | 0.231 | 1.36 | 0.501 | 0.580 | 0.417 | 0.300 | 2 |
| 3 | 1.34 | 1.26 | 1.35 | 4.68 | 3.95 | 5.68E | 0.212 | 1.28 | 0.463 | 0.554 | 0.461 | 0.295 | 3 |
| 4 | 1.34 | 1.25 | 1.34 | 4.94 | 3.71 | 7.35E | 0.209 | 1.04 | 0.440 | 0.557 | 0.529 | 0.278 | 4 |
| 5 | 1.34 | 1.24 | 1.32 | 5.06 | 5.13 | 8.02E | 0.210 | 0.978 | 0.466 | 0.483 | 0.482 | 0.276 | 5 |
| 6 | 1.33 | 1.23 | 1.32 | 5.08 | 5.95 | 9.08E | 0.215 | 0.880 | 0.488 | 0.429 | 0.420 | 0.275 | 6 |
| 7 | 1.33 | 1.21A | 1.33 | 5.16 | 5.41 | 8.46E | 0.258 | 0.837 | 0.497 | 0.311 | 0.443 | 0.273 | 7 |
| 8 | 1.33 | 1.21E | 1.33 | 5.31 | 4.91 | 7.81E | 0.274 | 0.758 | 0.488 | 0.331 | 0.411 | 0.275 | 8 |
| 9 | 1.33 | 1.21E | 1.31 | 5.49 | 4.86 | 7.15E | 0.262 | 0.794 | 0.456 | 0.454 | 0.356 | 0.287 | 9 |
| 10 | 1.33 | 1.21E | 1.29 | 5.68 | 4.38 | 6.88E | 0.326 | 0.858 | 0.502 | 0.299 | 0.333 | 0.306 | 10 |
| 11 | 1.32 | 1.21E | 1.28 | 5.90 | 4.18 | 7.88E | 0.427 | 0.727 | 0.478 | 0.274 | 0.328 | 0.347 | 11 |
| 12 | 1.32 | 1.21E | 1.29 | 5.98 | 3.98 | 7.82E | 0.655 | 0.870 | 0.540 | 0.283 | 0.357 | 0.381 | 12 |
| 13 | 1.32 | 1.21E | 1.29 | 6.11 | 3.82 | 7.23E | 0.623 | 0.880 | 0.592 | 0.268 | 0.371 | 0.391 | 13 |
| 14 | 1.32 | 1.21E | 1.29 | 6.20 | 3.69 | 6.90E | 0.586 | 0.795 | 0.536 | 0.263 | 0.383 | 0.390 | 14 |
| 15 | 1.30 | 1.21E | 1.30 | 6.26 | 3.63 | 6.62E | 0.696 | 0.887 | 0.551 | 0.272 | 0.436 | 0.391 | 15 |
| 16 | 1.18 | 1.21E | 1.30 | 6.29 | 3.76 | 6.20E | 0.713 | 1.31 | 0.557 | 0.297 | 0.817 | 0.383 | 16 |
| 17 | 1.18 | 1.21E | 1.28 | 6.30 | 3.75 | 5.88E | 0.822 | 1.08 | 0.517 | 0.285 | 0.863 | 0.373 | 17 |
| 18 | 1.18 | 1.21E | 1.28 | 6.34 | 3.69 | 5.63A | 0.691 | 0.978 | 0.526 | 0.275 | 0.767 | 0.371 | 18 |
| 19 | 1.18 | 1.21E | 1.27 | 6.34 | 3.11 | 5.49 | 0.950 | 0.912 | 0.623 | 0.274 | 0.755 | 0.376 | 19 |
| 20 | 1.18 | 1.21E | 1.27 | 6.36 | 1.03 | 5.16 | 1.03 | 0.788 | 0.555 | 0.290 | 0.660 | 0.382 | 20 |
| 21 | 1.22 | 1.21E | 1.26 | 6.16 | 1.77 | 5.02 | 1.05 | 0.717 | 0.493 | 0.287 | 0.576 | 0.388 | 21 |
| 22 | 1.24 | 1.22E | 1.27 | 6.00 | 1.78 | 4.86 | 1.38 | 0.597 | 0.448 | 0.268 | 0.556 | 0.382 | 22 |
| 23 | 1.22 | 1.23E | 1.45 | 6.02 | 1.75 | 4.65 | 1.39 | 0.488 | 0.458 | 0.273 | 0.513 | 0.389 | 23 |
| 24 | 1.20 | 1.24E | 1.63 | 5.88 | 2.80 | 4.45 | 1.31 | 0.411 | 0.388 | 0.318 | 0.482 | 0.383 | 24 |
| 25 | 1.21 | 1.25E | 1.81 | 5.88 | 4.47 | 4.29 | 1.23 | 0.388 | 0.340 | 0.285 | 0.413 | 0.348 | 25 |
| 26 | 1.22 | 1.28E | 2.06 | 5.80 | 6.00 | 4.08 | 1.17 | 0.373 | 0.318 | 0.405 | 0.387 | 0.348 | 26 |
| 27 | 1.18 | 1.28E | 2.54 | 5.51 | 6.43 | 3.86 | 1.09 | 0.378 | 0.331 | 0.460 | 0.383 | 0.338 | 27 |
| 28 | 1.20 | 1.30E | 3.06 | 5.10 | 6.81 | 3.73 | 1.02 | 0.383 | 0.498 | 0.428 | 0.383 | 0.327 | 28 |
| 29 | 1.24 | | 3.49 | 4.87 | 6.71 | 3.58 | 1.03 | 0.492 | 0.603 | 0.412 | 0.367 | 0.324 | 29 |
| 30 | 1.28 | | 3.88 | 4.57 | 6.80 | 3.04 | 0.931 | 0.850 | 0.483 | 0.433 | 0.339 | 0.322 | 30 |
| 31 | 1.28 | | 4.16 | | 6.74 | | 1.37 | 0.884 | | 0.418 | | 0.368 | 31 |
| TOTAL | 37.85 | 34.46 | 82.75 | 166.73 | 133.87 | 178.84 | 22.765 | 24.832 | 14.739 | 10.847 | 14.374 | 10.491 | TOTAL |
| MEAN | 1.22 | 1.23 | 1.70 | 5.62 | 4.29 | 5.99 | 0.734 | 0.804 | 0.491 | 0.340 | 0.479 | 0.338 | MEAN |
| MAX | 1.28 | 1.30 | 4.16 | 6.36 | 6.81 | 9.08 | 1.38 | 1.52 | 0.626 | 0.642 | 0.863 | 0.391 | MAX |
| MIN | 1.18 | 1.21 | 1.27 | 4.57 | 1.03 | 3.04 | 0.209 | 0.383 | 0.318 | 0.264 | 0.328 | 0.273 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.53
MAXIMUM DAILY 9.08E ON JUN 6
MINIMUM DAILY 0.209 ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 30 N
LONG 83 59 00 W
DRAINAGE AREA 744 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 270 | JUL | 1 970 |
| FEB | 2 980 | AUG | 2 150 |
| MAR | 4 580 | SEP | 1 270 |
| APR | 14 400 | OCT | 911 |
| MAY | 11 500 | NOV | 1 240 |
| JUN | 15 500 | DEC | 906 |

TOTAL DISCHARGE 60 900 dam³

REMARKS - STATION MOVED BELOW CONTROL DAM 1981 DOWNSTREAM CONTROL ALTERED BY BRIDGE CONSTRUCTION 1984

## BIG CARP RIVER NEAR SAULT STE. MARIE - STATION NO. 02EF004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.3608 | 0.1988 | 0.2458 | 1.41 | 0.343 | 0.322 | 0.081 | 0.123 | 0.147 | 0.780 | 1.23 | 2.83 | 1 |
| 2 | 0.3708 | 0.1948 | 0.2638 | 1.18 | 0.294 | 0.353 | 0.058 | 3.77 | 0.123 | 5.87 | 1.01 | 2.03 | 2 |
| 3 | 0.3658 | 0.1928 | 0.2858 | 1.22 | 0.285 | 0.316 | 0.047 | 2.26 | 0.103 | 3.81 | 1.28 | 2.88 | 3 |
| 4 | 0.3608 | 0.1908 | 0.3308 | 1.02 | 0.250 | 0.281 | 0.051 | 2.41 | 0.084 | 1.88 | 2.00 | 2.05 | 4 |
| 5 | 0.3648 | 0.1898 | 0.3608 | 0.976 | 0.227 | 0.217 | 0.088 | 1.17 | 0.106 | 1.14 | 2.04 | 1.48 | 5 |
| 6 | 0.3528 | 0.1888 | 0.4208 | 1.22 | 0.217 | 0.185 | 0.038 | 0.855 | 0.080 | 0.878 | 1.76 | 1.23 | 6 |
| 7 | 0.3488 | 0.1868 | 0.5008 | 1.48 | 0.195 | 0.204 | 0.035 | 0.445 | 0.082 | 0.880 | 1.52 | 1.15 | 7 |
| 8 | 0.3488 | 0.1858 | 0.6408 | 1.53 | 0.178 | 0.182 | 0.036 | 0.317 | 0.082 | 0.781 | 1.35 | 1.15 | 8 |
| 9 | 0.3458 | 0.1838 | 0.8808 | 1.32 | 0.185 | 0.168 | 0.043 | 0.287 | 0.078 | 0.868 | 1.22 | 4.24 | 9 |
| 10 | 0.3448 | 0.1828 | 0.9808 | 1.28 | 0.183 | 0.135 | 0.144 | 0.257 | 0.080 | 0.782 | 1.08 | 9.00 | 10 |
| 11 | 0.3428 | 0.1818 | 0.9508 | 1.22 | 0.204 | 0.284 | 0.381 | 0.186 | 0.077 | 0.738 | 1.48 | 4.25 | 11 |
| 12 | 0.3398 | 0.1808 | 0.9408 | 1.07 | 0.178 | 0.513 | 0.330 | 0.184 | 0.080 | 0.687 | 0.958 | 3.22 | 12 |
| 13 | 0.3358 | 0.1798 | 0.9208 | 0.852 | 0.155 | 0.340 | 0.801 | 0.135 | 0.110 | 0.634 | 1.30 | 2.91 | 13 |
| 14 | 0.3328 | 0.1788 | 0.9008 | 0.731 | 0.217 | 0.281 | 0.423 | 0.133 | 0.118 | 0.616 | 1.55 | 2.28 | 14 |
| 15 | 0.3258 | 0.1768 | 0.8808 | 0.810 | 0.284 | 0.185 | 0.278 | 0.188 | 0.101 | 0.721 | 1.38 | 1.72 | 15 |
| 16 | 0.3188 | 0.1748 | 0.8608 | 0.746 | 0.229 | 0.141 | 0.180 | 0.162 | 0.086 | 0.808 | 1.24 | 1.50 B | 16 |
| 17 | 0.3108 | 0.1728 | 0.9208 | 0.650 | 0.259 | 0.122 | 0.215 | 0.214 | 0.083 | 3.98 | 1.79 | 1.35 B | 17 |
| 18 | 0.3008 | 0.1708 | 1.10 B | 0.570 | 3.454 | 0.105 | 0.213 | 0.241 | 0.082 | 6.97 | 1.62 | 1.20 B | 18 |
| 19 | 0.2908 | 0.1688 | 1.30 B | 0.489 | 0.564 | 0.097 | 0.787 | 0.888 | 0.128 | 2.77 | 1.40 | 1.10 B | 19 |
| 20 | 0.2788 | 0.1818 | 1.50 B | 0.442 | 0.508 | 0.078 | 1.13 | 1.08 | 0.890 | 1.83 | 1.35 | 1.00 B | 20 |
| 21 | 0.2628 | 0.1638 | 2.00 B | 0.414 | 0.452 | 0.088 | 0.862 | 0.648 | 1.22 | 1.33 | 1.93 | 0.9008 | 21 |
| 22 | 0.2508 | 0.1848 | 2.80 B | 0.407 | 2.57 | 0.081 | 0.609 | 0.491 | 0.885 | 1.11 | 1.14 | 0.8208 | 22 |
| 23 | 0.2408 | 0.1878 | 3.80 B | 0.713 | 1.53 | 0.080 | 0.580 | 0.384 | 0.800 | 0.976 | 1.52 | 0.7808 | 23 |
| 24 | 0.2328 | 0.1928 | 5.40 B | 0.648 | 0.985 | 0.053 | 0.783 | 0.272 | 0.488 | 1.28 | 3.87 | 0.7008 | 24 |
| 25 | 0.2248 | 0.1868 | 7.10 B | 0.513 | 0.870 | 0.088 | 0.643 | 0.218 | 0.410 | 1.80 | 1.88 | 0.6408 | 25 |
| 26 | 0.2188 | 0.2008 | 5.80 B | 0.435 | 0.880 | 0.087 | 0.507 | 0.188 | 0.348 | 1.22 | 2.03 | 0.6008 | 26 |
| 27 | 0.2148 | 0.2058 | 4.02 | 0.801 | 0.777 | 0.086 | 0.414 | 0.183 | 0.284 | 1.21 | 1.48 | 0.5808 | 27 |
| 28 | 0.2098 | 0.2178 | 3.21 | 0.574 | 0.606 | 0.056 | 0.295 | 0.145 | 0.294 | 1.78 | 0.884 | 0.5208 | 28 |
| 29 | 0.2048 | | 3.39 | 0.472 | 0.466 | 0.055 | 0.230 | 0.142 | 0.367 | 2.68 | 1.18 | 0.4908 | 29 |
| 30 | 0.2028 | | 3.36 | 0.421 | 0.360 | 0.055 | 0.192 | 0.134 | 0.424 | 2.35 | 4.03 | 0.4608 | 30 |
| 31 | 0.1988 | | 2.12 | | 0.288 | | 0.134 | 0.188 | | 1.83 | | 0.4408 | 31 |
| TOTAL | 9.190 | 5.245 | 58.011 | 25.424 | 14.771 | 5.089 | 10.326 | 15.908 | 7.835 | 53.856 | 48.508 | 55.370 | TOTAL |
| MEAN | 0.296 | 0.187 | 1.87 | 0.847 | 0.476 | 0.170 | 0.333 | 0.545 | 0.261 | 1.73 | 1.82 | 1.78 | MEAN |
| MAX | 0.380 | 0.217 | 7.10 | 1.53 | 2.57 | 0.513 | 1.13 | 2.77 | 1.22 | 5.87 | 4.03 | 9.00 | MAX |
| MIN | 0.198 | 0.178 | 0.245 | 0.407 | 0.155 | 0.053 | 0.035 | 0.123 | 0.077 | 0.616 | 0.888 | 0.440 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.856
MAXIMUM DAILY 9.00 ON DEC 10
MINIMUM DAILY 0.035 ON JUL 7
MAXIMUM INSTANTANEOUS
11.9 A AT 06 12 EST ON DEC 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 02 N
LONG 84 27 52 W
DRAINAGE AREA 51.5 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 794 | JUL | 892 |
| FEB | 483 | AUG | 1 480 |
| MAR | 5 010 | SEP | 877 |
| APR | 2 200 | OCT | 4 840 |
| MAY | 1 280 | NOV | 4 190 |
| JUN | 441 | DEC | 4 780 |

TOTAL DISCHARGE 26 800 dam³

## BIG CREEK NEAR DELHI - STATION NO 02GC005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.84 | 3.40 | 4.89 | 7.12 | 3.57 | 2.02 | 1.73 | 0.814 | 1.47 | 1.33 | 1.78 | 3.52 | 1 |
| 2 | 5.50 | 3.74 | 7.53 | 8.58 | 3.61 | 2.10 | 1.70 | 1.40 | 1.49 | 1.39 | 1.80 | 3.42 | 2 |
| 3 | 5.14 | 3.83 | 7.46 | 8.79 | 3.52 | 2.26 | 1.71 | 1.40 | 1.39 | 1.43 | 1.73 | 3.37 | 3 |
| 4 | 5.67 | 3.75 | 7.80 | 8.72 | 3.34 | 2.16 | 1.67 | 1.41 | 1.32 | 1.37 | 1.75 | 3.18 | 4 |
| 5 | 5.33 | 3.69 | 7.94 | 13.1 | 3.30 | 1.98 | 1.58 | 1.46 | 1.33 | 1.40 | 1.75 | 2.85 | 5 |
| 6 | 5.14 | 3.65 | 8.89 | 18.2 | 3.22 | 1.97 | 1.61 | 1.39 | 1.30 | 1.43 | 1.78 | 2.70 | 6 |
| 7 | 5.10 | 3.65 | 7.78 | 23.9 | 3.09 | 2.00 | 1.55 | 1.37 | 1.36 | 1.57 | 1.73 | 2.58 | 7 |
| 8 | 5.04 | 3.77 | 11.2 | 16.3 | 3.07 | 2.09 | 1.48 | 1.35 | 1.34 | 1.57 | 1.78 | 2.48 | 8 |
| 9 | 4.97 | 3.46 | 15.6 | 11.9 | 3.01 | 2.11 | 1.40 | 2.24 | 1.37 | 1.48 | 2.02 | 2.88 | 9 |
| 10 | 5.08 | 3.488 | 14.0 | 9.50 | 2.90 | 1.94 | 1.30 | 3.01 | 1.39 | 1.50 | 1.85 | 2.80 | 10 |
| 11 | 4.95 | 3.57 | 10.4 | 7.74 | 2.88 | 1.93 | 2.27 | 1.66 | 1.41 | 1.57 | 1.73 | 2.73 | 11 |
| 12 | 4.80 | 3.55 | 8.48 | 7.56 | 2.79 | 1.88 | 3.31 | 1.55 | 1.38 | 1.58 | 1.75 | 3.12 | 12 |
| 13 | 4.76 | 3.51 | 7.04 | 7.60 | 2.70 | 1.90 | 2.37 | 1.51 | 1.41 | 1.57 | 1.74 | 3.20 | 13 |
| 14 | 4.72 | 3.408 | 6.04 | 7.24 | 2.73 | 1.85 | 2.17 | 1.46 | 1.37 | 1.55 | 1.74 | 3.04 | 14 |
| 15 | 5.72 | 3.308 | 6.43 | 7.56 | 2.87 | 1.73 | 2.00 | 1.37 | 1.41 | 1.55 | 1.68 | 3.66 | 15 |
| 16 | 7.01 | 3.208 | 5.00 | 7.14 | 2.70 | 1.61 | 1.79 | 1.35 | 1.42 | 1.56 | 1.75 | 4.49 | 16 |
| 17 | 8.84 | 3.108 | 4.84 | 8.45 | 2.57 | 1.58 | 1.58 | 1.26 | 1.60 | 1.57 | 1.73 | 4.27 | 17 |
| 18 | 8.308 | 3.098 | 4.71 | 9.80 | 2.62 | 1.54 | 1.44 | 1.23 | 1.78 | 1.57 | 1.83 | 4.48 | 18 |
| 19 | 9.708 | 3.058 | 4.84 | 9.48 | 2.68 | 1.55 | 1.30 | 1.16 | 1.51 | 1.82 | 1.78 | 4.87 | 19 |
| 20 | 9.208 | 3.028 | 4.80 | 8.18 | 2.58 | 1.53 | 1.19 | 1.08 | 1.47 | 1.80 | 1.77 | 5.30 | 20 |
| 21 | 8.908 | 3.018 | 4.55 | 6.88 | 2.57 | 1.52 | 0.884 | 1.06 | 1.56 | 1.85 | 1.72 | 5.17 | 21 |
| 22 | 8.608 | 3.07 | 4.62 | 6.56 | 2.51 | 2.10 | 0.864 | 1.08 | 1.80 | 1.72 | 1.84 | 5.04 | 22 |
| 23 | 8.408 | 3.12 | 4.58 | 6.40 | 2.40 | 2.20 | 0.892 | 1.01 | 1.52 | 1.90 | 1.88 | 5.01 | 23 |
| 24 | 8.208 | 3.14 | 4.80 | 6.31 | 2.36 | 1.86 | 0.803 | 0.980 | 1.45 | 1.94 | 1.72 | 5.80 | 24 |
| 25 | 8.108 | 3.13 | 4.75 | 6.18 | 2.36 | 1.73 | 0.923 | 0.814 | 1.40 | 1.94 | 2.84 | 5.85 | 25 |
| 26 | 8.008 | 3.05 | 5.18 | 5.97 | 2.34 | 1.89 | 0.951 | 1.10 | 1.38 | 1.75 | 3.56 | 5.25 | 26 |
| 27 | 7.908 | 3.03 | 5.09 | 5.87 | 2.30 | 2.01 | 0.854 | 1.73 | 1.38 | 2.11 | 2.93 | 4.56 | 27 |
| 28 | 7.808 | 3.14 | 5.16 | 5.86 | 2.24 | 1.87 | 0.818 | 1.57 | 1.37 | 2.00 | 2.97 | 4.31 | 28 |
| 29 | 7.758 |  | 5.05 | 5.75 | 2.14 | 1.86 | 0.731 | 1.49 | 1.37 | 1.88 | 3.98 | 4.03 | 29 |
| 30 | 7.708 |  | 5.80 | 5.84 | 2.13 | 1.77 | 0.908 | 1.41 | 1.37 | 1.81 | 3.87 | 3.788 | 30 |
| 31 | 7.728 |  | 6.56 |  | 2.10 |  | 0.922 | 1.50 |  | 1.78 |  | 3.81 | 31 |
| TOTAL | 188.88 | 94.30 | 208.51 | 235.40 | 85.14 | 58.66 | 44.280 | 42.298 | 42.90 | 50.88 | 82.28 | 127.10 | TOTAL |
| MEAN | 5.06 | 3.37 | 6.73 | 7.85 | 2.75 | 1.89 | 1.43 | 1.36 | 1.43 | 1.64 | 2.08 | 4.10 | MEAN |
| MAX | 7.01 | 3.83 | 15.6 | 23.9 | 3.61 | 2.26 | 3.31 | 2.24 | 1.78 | 2.11 | 3.98 | 6.01 | MAX |
| MIN | 3.70 | 3.01 | 4.55 | 3.84 | 2.10 | 1.52 | 0.884 | 0.814 | 1.30 | 1.33 | 1.64 | 2.48 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.31
MAXIMUM DAILY, 23.9 ON APR 7
MINIMUM DAILY, 0.884 ON JUL 22
MAXIMUM INSTANTANEOUS,
26.3 AT 07:00 EST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 50 15 N
LONG 80 30 36 W
DRAINAGE AREA, 363 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 13 600 | JUL | 3 830 |
| FEB | 8 150 | AUG | 3 650 |
| MAR | 18 000 | SEP | 3 710 |
| APR | 20 300 | OCT | 4 400 |
| MAY | 7 350 | NOV | 9 380 |
| JUN | 4 900 | DEC | 11 000 |

TOTAL DISCHARGE, 104 000 dam³

## BIG CREEK NEAR WALSINGHAM - STATION NO. 02GC007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.9 | 6.95 | 9.20E | 11.2 | 6.56 | 4.00 | 3.51 | 1.88 | 2.79 | 2.77 | 3.56 | 6.86 | 1 |
| 2 | 10.4 | 6.77E | 14.4 | 12.5 E | 6.44 | 3.97 | 3.41 | 3.23 | 2.66 | 2.72 | 3.54 | 6.28 | 2 |
| 3 | 9.95 | 6.71E | 12.0 | 14.1 | 6.28 | 4.02 | 3.41 | 3.34 | 2.59 | 2.75 | 3.95 | 6.10 | 3 |
| 4 | 9.26 | 6.60E | 10.5 | 14.0 E | 6.14 | 4.10 | 3.33 | 2.95 | 2.51 | 2.78 | 3.49 | 6.07 | 4 |
| 5 | 8.90 | 6.32 | 10.6 | 17.2 E | 6.02 | 3.86 | 3.23 | 2.80 | 2.48 | 2.77 | 3.43 | 5.86 | 5 |
| 6 | 8.45 | 6.19 | 10.5 | 20.9 E | 5.93 | 3.79 | 3.26 | 2.56 | 2.46 | 2.78 | 3.45 | 5.29 | 6 |
| 7 | 8.38E | 6.15E | 10.8 | 22.0 E | 5.82 | 3.74 | 3.23 | 2.53 | 2.46 | 2.68 | 3.64 | 5.06 | 7 |
| 8 | 8.52 | 6.14E | 13.5 | 23.6 E | 5.70 | 3.65 | 3.11 | 2.49 | 2.51 | 2.99 | 3.54 | 4.96 | 8 |
| 9 | 8.31 | 6.09E | 16.5 | 21.2 E | 5.64 | 3.96 | 3.01 | 3.46 | 2.54A | 2.88 | 4.01 | 5.18 | 9 |
| 10 | 8.27 | 5.71 | 16.7 | 16.1 | 5.48 | 3.86 | 2.87 | 5.31 | 2.52E | 2.89 | 3.86 | 5.52 | 10 |
| 11 | 8.48 | 5.18 | 15.7 | 14.6 | 5.35 | 3.74 | 2.77 | 3.45 | 2.51A | 3.04 | 3.59 | 5.37 | 11 |
| 12 | 8.18 | 5.83 | 13.4 | 13.4 | 5.18 | 3.88 | 4.06 | 3.01 | 2.54E | 3.01 | 3.52 | 5.78 | 12 |
| 13 | 7.94 | 5.92 | 11.3 | 13.9 E | 5.01 | 3.85 | 4.37 | 2.85 | 2.58E | 2.97 | 3.51 | 5.99 | 13 |
| 14 | 7.90E | 5.78 | 9.76 | 13.5 E | 5.01 | 3.72 | 3.97 | 2.78 | 2.53A | 2.85 | 3.48 | 5.73 | 14 |
| 15 | 10.1 | 5.39 | 8.93 | 12.9 A | 5.10 | 3.58 | 3.77 | 2.69 | 2.68E | 2.95 | 3.48 | 7.13 | 15 |
| 16 | 11.5 | 5.20B | 8.38 | 12.8 E | 5.41 | 3.40 | 3.39 | 2.57 | 2.71A | 2.87 | 3.41 | 8.86 | 16 |
| 17 | 11.1 | 5.20B | 8.00 | 11.8 | 5.08 | 3.25 | 3.13 | 2.50 | 3.40E | 3.02 | 3.45 | 8.56 | 17 |
| 18 | 10.0 B | 5.19B | 7.76 | 10.7 | 5.05 | 3.17 | 2.90 | 2.43 | 3.28A | 3.20 | 3.59 | 7.64 | 18 |
| 19 | 9.20B | 5.19B | 7.63 | 9.86 | 5.23 | 3.13 | 2.84 | 2.39 | 3.21E | 3.11 | 3.57 | 7.88 | 19 |
| 20 | 8.80B | 5.20B | 7.54 | 9.32 | 5.06 | 3.06 | 2.69 | 2.31 | 3.07E | 3.07 | 3.52 | 10.4 | 20 |
| 21 | 8.40B | 5.21B | 7.46 | 8.82E | 4.96 | 3.03 | 2.25 | 2.19 | 2.87A | 3.14 | 3.47 | 12.0 | 21 |
| 22 | 8.00B | 5.31E | 7.41 | 8.39E | 4.85 | 3.72 | 1.90 | 2.20 | 3.17 | 3.25 | 3.36 | 10.5 | 22 |
| 23 | 7.80B | 5.21E | 7.35 | 7.95A | 4.75 | 4.18 | 1.70 | 2.20 | 3.08 | 3.59 | 3.42 | 10.8 | 23 |
| 24 | 7.30B | 5.19E | 7.36 | 7.79 | 4.62 | 3.83 | 1.64 | 2.10 | 2.90 | 3.59 | 3.47 | 11.4 | 24 |
| 25 | 7.10B | 5.18E | 7.59 | 7.50 | 4.56 | 3.49 | 1.71 | 2.12 | 2.75 | 4.01 | 4.39 | 11.5 | 25 |
| 26 | 7.00B | 5.12E | 8.24 | 7.24 | 4.50 | 3.90 | 1.78 | 2.14 | 2.69 | 3.73 | 8.62 | 10.4 | 26 |
| 27 | 6.90B | 5.06E | 8.36 | 7.07 | 4.45 | 3.76 | 1.81 | 2.78 | 2.71 | 4.00 | 8.59 | 8.95 | 27 |
| 28 | 6.65B | 5.50E | 8.23 | 7.17 | 4.34 | 3.77 | 1.72 | 2.86 | 2.73 | 4.49 | 5.59 | 8.09 | 28 |
| 29 | 6.82B |  | 8.12E | 7.02 | 4.20 | 3.63 | 1.61 | 2.77 | 2.75 | 3.91 | 6.79 | 7.62 | 29 |
| 30 | 6.80B |  | 8.81E | 6.76 | 4.06 |  | 1.60 | 2.63 | 2.77 | 3.66 | 7.64 | 8.18 | 30 |
| 31 | 6.82B |  | 11.5 |  | 3.98 |  | 2.06 | 2.67 |  | 3.65 |  | 8.97 | 31 |
| TOTAL | 264.15 | 160.56 | 316.39 | 372.59 | 161.80 | 110.84 | 85.84 | 82.84 | 82.83 | 99.84 | 124.84 | 236.16 | TOTAL |
| MEAN | 8.52 | 5.73 | 10.2 | 12.5 | 5.22 | 3.88 | 2.78 | 2.67 | 2.76 | 3.21 | 4.16 | 7.62 | MEAN |
| MAX | 11.5 | 6.95 | 16.7 | 23.6 | 6.56 | 4.18 | 4.37 | 5.31 | 3.40 | 4.49 | 8.62 | 12.0 | MAX |
| MIN | 6.80 | 5.06 | 7.36 | 6.76 | 3.98 | 3.03 | 1.60 | 1.88 | 2.46 | 2.72 | 3.36 | 4.96 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.75
MAXIMUM DAILY, 23.6E ON APR 6
MINIMUM DAILY, 1.60 ON JUL 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 41 05 N
LONG 80 32 15 W
DRAINAGE AREA, 691 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 23 800 | JUL | 7 400 |
| FEB | 13 900 | AUG | 7 160 |
| MAR | 27 300 | SEP | 7 130 |
| APR | 33 300 | OCT | 8 800 |
| MAY | 14 000 | NOV | 10 800 |
| JUN | 9 550 | DEC | 20 400 |

TOTAL DISCHARGE, 181 000 dam³

## BIG OTTER CREEK ABOVE OTTERVILLE - STATION NO 02GC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.37 | 0.599 | 0.926 | 2.95 | 0.688 | 0.335 | 0.233 | 0.119 | 0.184 | 0.159 | 0.229 | 1.12 | 1 |
| 2 | 1.30 | 0.614 | 3.47 | 2.76 | 0.633 | 0.325 | 0.239 | 0.200 | 0.189 | 0.148 | 0.227 | 0.824 | 2 |
| 3 | 1.19 | 0.617 | 3.57 | 2.81 | 0.600 | 0.340 | 0.240 | 0.316 | 0.180 | 0.146 | 0.227 | 0.659 | 3 |
| 4 | 1.01 | 0.617 | 2.24 | 3.11 | 0.567 | 0.356 | 0.239 | 0.223 | 0.155 | 0.152 | 0.230 | 0.618 | 4 |
| 5 | 0.987 | 0.585 | 1.70 | 8.57 | 0.561 | 0.317 | 0.234 | 0.206 | 0.148 | 0.139 | 0.227 | 0.559 | 5 |
| 6 | 0.955 | 0.591 | 1.70 | 11.4 | 0.586 | 0.297 | 0.215 | 0.178 | 0.144 | 0.136 | 0.253 | 0.506 | 6 |
| 7 | 0.937 | 0.603 | 4.02 | 6.85 | 0.557 | 0.278 | 0.216 | 0.166 | 0.144 | 0.162 | 0.342 | 0.488 | 7 |
| 8 | 0.943 | 0.606 | 9.83 | 4.23 | 0.536 | 0.284 | 0.205 | 0.155 | 0.154 | 0.190 | 0.363 | 0.467 | 8 |
| 9 | 0.928 | 0.648 | 9.89 | 2.85 | 0.540 | 0.316 | 0.289 | 0.234 | 0.166 | 0.180 | 0.404 | 0.548 | 9 |
| 10 | 0.927 | 0.671 | 4.62 | 2.19 | 0.536 | 0.283 | 0.408 | 0.346 | 0.148 | 0.182 | 0.390 | 1.04 | 10 |
| 11 | 0.904 | 0.583 | 2.72 | 1.80 | 0.532 | 0.262 | 0.264 | 0.254 | 0.149 | 0.181 | 0.369 | 1.01 | 11 |
| 12 | 0.868 | 0.587 | 1.88 | 1.83 | 0.491 | 0.262 | 0.222 | 0.212 | 0.167 | 0.168 | 0.344 | 0.888 | 12 |
| 13 | 0.837 | 0.646 | 1.61 | 3.10 | 0.484 | 0.274 | 0.134 | 0.187 | 0.184 | 0.162 | 0.382 | 0.998 | 13 |
| 14 | 0.840 | 0.530 | 1.20 | 2.48 | 0.452 | 0.280 | 0.219 | 0.172 | 0.187 | 0.164 | 0.283 | 0.850 | 14 |
| 15 | 1.53 | 0.490 | 1.07 | 1.95 | 0.510 | 0.235 | 0.243 | 0.156 | 0.158 | 0.189 | 0.282 | 1.01 | 15 |
| 16 | 3.29 | 0.457 | 1.02 | 1.87 | 0.485 | 0.231 | 0.182 | 0.150 | 0.186 | 0.175 | 0.238 | 2.98 | 16 |
| 17 | 2.27 | 0.442 | 0.883 | 1.61 | 0.494 | 0.221 | 0.180 | 0.153 | 0.167 | 0.161 | 0.263 | 2.37 | 17 |
| 18 | 1.89 | 0.435 | 0.892 | 1.20 | 0.481 | 0.216 | 0.182 | 0.148 | 0.238 | 0.177 | 0.338 | 1.48 | 18 |
| 19 | 1.14 | 0.435 | 1.02 | 1.08 | 0.470 | 0.208 | 0.158 | 0.143 | 0.228 | 0.185 | 0.301 | 1.16 | 19 |
| 20 | 1.08 | 0.428 | 1.06 | 0.982 | 0.485 | 0.203 | 0.113 | 0.123 | 0.198 | 0.158 | 0.282 | 1.68 | 20 |
| 21 | 1.03 | 0.418 | 1.12 | 0.875 | 0.484 | 0.214 | 0.088 | 0.141 | 0.182 | 0.182 | 0.268 | 5.81 | 21 |
| 22 | 0.939 | 0.438 | 1.06 | 0.805 | 0.461 | 0.286 | 0.054 | 0.138 | 0.178 | 0.207 | 0.260 | 4.12 | 22 |
| 23 | 0.846 | 0.447 | 1.07 | 0.771 | 0.417 | 0.512 | 0.078 | 0.106 | 0.189 | 0.251 | 0.254 | 2.25 | 23 |
| 24 | 0.732 | 0.446 | 1.06 | 0.748 | 0.386 | 0.345 | 0.110 | 0.117 | 0.158 | 0.257 | 0.282 | 1.81 | 24 |
| 25 | 0.701 | 0.444 | 1.06 | 0.713 | 0.384 | 0.273 | 0.088 | 0.127 | 0.144 | 0.334 | 0.504 | 1.85 | 25 |
| 26 | 0.676 | 0.445 | 1.37 | 0.670 | 0.381 | 0.252 | 0.130 | 0.138 | 0.138 | 0.289 | 2.39 | 1.83 | 26 |
| 27 | 0.628 | 0.448 | 1.81 | 0.658 | 0.372 | 0.256 | 0.090 | 0.188 | 0.134 | 0.340 | 1.80 | 1.39 | 27 |
| 28 | 0.814 | 0.488 | 1.37 | 0.733 | 0.363 | 0.288 | 0.088 | 0.213 | 0.134 | 0.382 | 0.803 | 1.05 | 28 |
| 29 | 0.807 | | 1.16 | 0.716 | 0.339 | 0.262 | 0.084 | 0.185 | 0.128 | 0.352 | 0.850 | 0.855 | 29 |
| 30 | 0.829 | | 1.43 | 0.689 | 0.314 | 0.248 | 0.115 | 0.178 | 0.138 | 0.265 | 1.49 | 0.710 | 30 |
| 31 | 0.825 | | 3.14 | | 0.346 | | 0.121 | 0.188 | | 0.245 | | 0.641 | 31 |
| TOTAL | 33.004 | 14.421 | 70.681 | 72.569 | 14.778 | 8.419 | 5.387 | 5.581 | 4.674 | 6.335 | 15.015 | 43.480 | TOTAL |
| MEAN | 1.06 | 0.515 | 2.28 | 2.42 | 0.477 | 0.281 | 0.174 | 0.179 | 0.182 | 0.204 | 0.501 | 1.40 | MEAN |
| MAX | 3.29 | 0.617 | 9.89 | 11.4 | 0.688 | 0.512 | 0.408 | 0.346 | 0.238 | 0.382 | 2.39 | 5.81 | MAX |
| MIN | 0.607 | 0.418 | 0.926 | 0.658 | 0.314 | 0.203 | 0.054 | 0.106 | 0.128 | 0.136 | 0.227 | 0.487 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.807
MAXIMUM DAILY, 11.4 ON APR 6
MINIMUM DAILY, 0.054 ON JUL 22
MAXIMUM INSTANTANEOUS,
15.6 AT 01:01 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 55 N
LONG 80 32 35 W
DRAINAGE AREA, 93.2 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 850 | JUL | 465 |
| FEB | 1 250 | AUG | 480 |
| MAR | 6 110 | SEP | 421 |
| APR | 6 270 | OCT | 647 |
| MAY | 1 280 | NOV | 1 300 |
| JUN | 727 | DEC | 3 760 |

TOTAL DISCHARGE, 25 800 dam³

## BIG OTTER CREEK AT TILLSONBURG - STATION NO 02GC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.02 | 2.45 | 5.858 | 10.5 | 3.33 | 1.40 | 1.31 | 0.740E | 0.998 | 0.912 | 1.25 | 4.68 | 1 |
| 2 | 4.80 | 2.45 | 15.9 B | 10.5 | 3.28 | 1.48 | 1.27 | 1.36 A | 1.04 | 0.938 | 1.37 | 3.55 | 2 |
| 3 | 4.50 | 2.47 | 13.7 | 11.1 | 3.22 | 1.48 | 1.25 | 1.43 | 0.949 | 0.936 | 1.46 | 3.04 | 3 |
| 4 | 3.94 | 2.46 | 8.74 | 11.9 | 3.17 | 1.43 | 1.22 | 1.37 A | 0.911 | 0.884 | 1.43 | 2.71 | 4 |
| 5 | 3.87 | 2.328 | 6.70 | 32.5 | 3.10 | 1.32 | 1.17 A | 1.08 | 0.888 | 0.931 | 1.51 | 2.44 | 5 |
| 6 | 3.82 | 2.349 | 7.17 | 36.2 | 2.08 | 1.28 | 1.17 | 1.08 | 0.921 | 0.868 | 1.59 | 2.29 | 6 |
| 7 | 3.61 | 2.38 | 15.1 | 24.1 | 1.97 | 1.31 | 1.11 A | 0.882 | 0.936 | 0.956 | 1.53 | 2.12 | 7 |
| 8 | 3.58 | 2.65 | 27.8 | 15.3 | 1.88 | 1.35 | 1.00 E | 0.844 | 0.953 | 0.952 | 1.77 | 2.10 | 8 |
| 9 | 3.52 | 2.408 | 28.8 | 10.2 | 1.84 | 1.31 | 0.943A | 1.83 | 0.985 | 0.995 | 2.05 | 2.47 | 9 |
| 10 | 3.61 | 2.228 | 15.5 | 7.56 | 1.89 | 1.28 | 0.898 | 1.76 | 0.915 | 0.927 | 1.80 | 4.08 | 10 |
| 11 | 3.52 | 2.188 | 9.97 | 6.09 | 1.88 | 1.21 | 1.03 | 1.40 | 0.833 | 1.00 | 1.74 | 4.13 | 11 |
| 12 | 3.35 | 2.128 | 8.81 | 6.79 | 1.77 | 1.42 | 0.780 | 1.22 A | 0.865 | 0.966 | 1.64 | 4.11 | 12 |
| 13 | 3.33 | 2.108 | 5.03 | 10.4 | 1.73 | 1.32 | 0.777 | 1.05 | 1.01 | 0.954 | 1.61 | 4.23 | 13 |
| 14 | 3.34 | 2.068 | 4.28 | 8.84 | 1.77 | 1.19 | 0.886 | 1.02 | 1.01 | 0.929 | 1.69 | 3.84 | 14 |
| 15 | 7.28 | 2.058 | 3.79 | 7.02 | 1.88 | 1.30 | 0.971 | 0.880 | 1.08 | 0.945 | 1.57 | 4.58 | 15 |
| 16 | 13.2 | 2.028 | 3.59 | 5.94 | 1.78 | 1.10 | 0.951 | 0.838 | 0.997 | 0.970 | 1.64 | 10.9 | 16 |
| 17 | 8.18 | 2.03 | 3.54 | 5.18 | 1.70 | 1.11 | 0.786A | 0.936A | 1.33 | 1.04 | 1.68 | 6.78 | 17 |
| 18 | 6.28 | 1.97 | 3.50 | 4.55 | 1.72 | 0.988 | 0.781E | 0.881 | 1.28 | 1.08 | 1.71 | 5.01 | 18 |
| 19 | 4.66 | 1.85 | 3.53 | 4.03 | 1.75 | 0.945 | 0.805E | 0.836 | 1.17 | 1.05 | 1.69 | 4.82 | 19 |
| 20 | 3.94 | 1.84 | 3.67 | 3.69 | 1.88 | 0.885 | 0.781A | 0.786 | 1.11 | 0.999 | 1.58 | 4.77 | 20 |
| 21 | 3.708 | 1.818 | 3.74 | 3.41 | 1.82 | 0.883 | 0.780E | 0.787A | 1.24 | 1.17 | 1.48 | 19.7 | 21 |
| 22 | 3.558 | 1.81 | 3.72 | 3.14 | 1.86 | 1.43 | 0.620E | 0.822 | 1.22 | 1.23 | 1.43 | 13.3 | 22 |
| 23 | 3.408 | 1.85 | 3.67 | 3.06 | 1.81 | 1.93 | 0.800E | 0.808 | 1.17 | 1.31 | 1.47 | 8.85 | 23 |
| 24 | 3.308 | 1.88 | 3.64 | 2.92 | 1.69 | 1.70 | 0.880E | 0.784 | 1.03 | 1.38 | 1.61 | 6.02 | 24 |
| 25 | 3.208 | 1.908 | 3.85 | 2.73 | 1.61 | 1.38 | 0.700E | 0.822 | 0.887 | 1.52 | 2.94 | 4.87 | 25 |
| 26 | 3.058 | 1.938 | 4.80 | 2.58 | 1.48 | 1.48 | 0.680E | 0.823 | 0.875 | 1.34 | 8.19 | 7.88 | 26 |
| 27 | 2.888 | 2.00 | 5.18 | 2.56 | 1.45 | 1.43 | 0.780E | 1.38 A | 0.898 | 1.70 | 6.94 | 5.80 | 27 |
| 28 | 3.98 | 2.13 | 4.78 | 2.63 | 1.42 | 1.76 | 0.700E | 1.14 | 0.857 | 1.88 | 4.12 | 4.54 | 28 |
| 29 | 2.79 | | 4.28 | 2.61 | 1.43 | 1.55 | 0.630E | 1.08 A | 0.846 | 1.53 | 4.35 | 3.838 | 29 |
| 30 | 2.70 | | 5.48 | 2.48 | 1.37 | 1.39 | 0.700E | 1.03 | 0.958 | 1.39 | 5.59 | 3.188 | 30 |
| 31 | 2.59 | | 10.4 | | 1.39 | | 0.780E | 1.10 | | 1.30 | | 3.32 | 31 |
| TOTAL | 132.17 | 59.71 | 247.52 | 260.69 | 54.76 | 38.821 | 27.549 | 33.170 | 30.532 | 34.922 | 89.81 | 171.94 | TOTAL |
| MEAN | 4.26 | 2.13 | 7.98 | 8.69 | 1.77 | 1.33 | 0.889 | 1.07 | 1.02 | 1.13 | 2.33 | 5.55 | MEAN |
| MAX | 13.2 | 2.65 | 28.8 | 36.2 | 2.33 | 1.93 | 1.31 | 1.83 | 1.33 | 1.70 | 6.19 | 19.7 | MAX |
| MIN | 2.59 | 1.81 | 3.50 | 2.48 | 1.37 | 0.885 | 0.600 | 0.740 | 0.875 | 0.884 | 1.26 | 2.10 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.19
MAXIMUM DAILY, 36.2 ON APR 6
MINIMUM DAILY, 0.600E ON JUL 23
MAXIMUM INSTANTANEOUS,
41.8 AT 20:24 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 51 40 N
LONG 80 43 10 W
DRAINAGE AREA 343 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11 400 | JUL | 2 380 |
| FEB | 5 180 | AUG | 2 870 |
| MAR | 21 400 | SEP | 2 640 |
| APR | 23 800 | OCT | 3 030 |
| MAY | 4 730 | NOV | 8 030 |
| JUN | 3 450 | DEC | 14 900 |

TOTAL DISCHARGE, 100 000 dam³

## BIG OTTER CREEK NEAR CALTON - STATION NO 02CC026

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11.4 | 5.908 | 11.2 B | 21.0 | 5.26 | 3.23 | 3.31 | 1.45 | 2.61 | 2.45 | 3.04 | 10.3 | 1 |
| 2 | 10.8 | 5.408 | 35.0 B | 23.3 | 5.08 | 3.37 | 3.35 | 2.10 | 2.32 | 2.44 | 3.00 | 8.25 | 2 |
| 3 | 10.3 | 5.248 | 38.1 | 25.0 | 4.99 | 3.80 | 3.36 | 3.68 | 2.24 | 2.51 | 3.02 | 8.71 | 3 |
| 4 | 9.03 | 5.108 | 22.1 | 28.3 | 4.82 | 3.48 | 3.39 | 2.64 | 2.12 | 2.47 | 3.00 | 8.13 | 4 |
| 5 | 9.26 | 5.008 | 16.5 | 47.1 | 4.71 | 3.26 | 3.30 | 2.27 | 2.08 | 2.40 | 2.87 | 9.55 | 5 |
| 6 | 8.44 | 4.908 | 13.5 | 88.7 | 4.61 | 3.16 | 3.30 | 2.10 | 2.11 | 2.50 | 2.90 | 9.10 | 6 |
| 7 | 8.17 | 4.808 | 21.2 | 57.4 | 4.51 | 3.12 | 3.46 | 2.07 | 2.16 | 2.56 | 3.04 | 8.78 | 7 |
| 8 | 8.81 | 4.758 | 38.0 | 37.3 | 4.40 | 3.13 | 3.63 | 1.99 | 2.18 | 2.56 | 3.11 | 8.70 | 8 |
| 9 | 8.43 | 4.708 | 47.2 | 28.1 | 4.36 | 3.26 | 3.85 | 2.00 | 2.22 | 2.49 | 3.08 | 8.77 | 9 |
| 10 | 8.47 | 4.558 | 37.5 | 17.9 | 4.28 | 3.07 | 4.00 | 4.81 | 2.21 | 2.47 | 3.02 | 7.84 | 10 |
| 11 | 8.71 | 4.458 | 21.7 | 14.2 | 4.21 | 2.98 | 6.13 | 3.08 | 2.17 | 2.64 | 3.43 | 8.06 | 11 |
| 12 | 8.27 | 4.408 | 16.4 | 15.7 | 4.13 | 3.24 | 6.78A | 2.83 | 2.22 | 2.89 | 3.31 | 8.84 | 12 |
| 13 | 7.86 | 4.388 | 11.7 | 23.0 | 4.04 | 3.34 | 5.08E | 2.62 | 2.34 | 2.93 | 3.18 | 8.86 | 13 |
| 14 | 7.86 | 4.258 | 8.85 | 20.3 | 4.07 | 3.21 | 4.88E | 2.38 | 2.35 | 2.91 | 3.08 | 7.83 | 14 |
| 15 | 16.5 | 4.208 | 8.84 | 18.2 | 5.08 | 2.94 | 3.78A | 2.33 | 2.41 | 2.48 | 3.08 | 11.1 | 15 |
| 16 | 25.2 | 4.108 | 8.14 | 13.5 | 4.30 | 2.83 | 2.25 | 2.20 | 2.52 | 2.50 | 2.80 | 21.2 | 16 |
| 17 | 21.1 | 4.088 | 7.72 | 11.7 | 4.05 | 2.87 | 2.12 | 2.12 | 2.77 | 2.82 | 2.88 | 19.7 | 17 |
| 18 | 14.7 | 4.008 | 7.64 | 10.3 | 4.04 | 2.88 | 1.93 | 2.13 | 3.31 | 2.71 | 2.88 | 14.0 | 18 |
| 19 | 11.6 | 3.958 | 7.82 | 9.13 | 4.12 | 2.85 | 1.78 | 2.04 | 2.74 | 2.83 | 3.40 | 10.8 | 19 |
| 20 | 9.908 | 3.908 | 7.56 | 8.24 | 4.10 | 2.46 | 1.74 | 1.97 | 2.60 | 2.83 | 3.24 | 14.4 | 20 |
| 21 | 8.808 | 3.908 | 7.68 | 7.80 | 3.98 | 2.41 | 1.72 | 1.91 | 2.80 | 2.87 | 2.98 | 24.5 | 21 |
| 22 | 8.408 | 3.858 | 7.71 | 7.00 | 3.89 | 3.53 | 1.55 | 2.10 | 2.88 | 2.81 | 3.06 | 30.0 | 22 |
| 23 | 7.908 | 3.828 | 7.70 | 6.85 | 3.77 | 4.20 | 1.41 | 2.04 | 2.76 | 3.33 | 2.88 | 20.7 | 23 |
| 24 | 7.808 | 3.808 | 7.70 | 6.85 | 3.68 | 3.76 | 1.31 | 2.00 | 2.61 | 3.28 | 2.87 | 14.4 | 24 |
| 25 | 7.108 | 3.788 | 7.81 | 8.15 | 3.62 | 3.38 | 1.30 | 2.03 | 2.35 | 3.74 | 5.20 | 17.8 | 25 |
| 26 | 6.908 | 3.728 | 8.13 | 8.81 | 3.61 | 3.56 | 1.52 | 2.13 | 2.28 | 3.38 | 17.0 | 18.0 | 26 |
| 27 | 6.708 | 3.708 | 10.1 | 8.70 | 3.58 | 3.94 | 1.44 | 3.00 | 2.27 | 4.01 | 14.4 | 14.6 | 27 |
| 28 | 6.408 | 3.708 | 10.1 | 8.81 | 3.45 | 3.61 | 1.41 | 3.02 | 2.31 | 4.83 | 9.62 | 11.3 | 28 |
| 29 | 6.108 | | 9.20 | 8.77 | 3.34 | 3.82 | 1.40 | 2.87 | 2.44 | 3.78 | 10.3 | 9.63A | 29 |
| 30 | 5.908 | | 10.8 | 8.56 | 3.28 | 3.42 | 1.36 | 2.48 | 2.55 | 3.44 | 11.7 | 8.28E | 30 |
| 31 | 5.708 | | 17.8 | | 3.18 | | 1.38 | 2.56 | | 3.21 | | 7.29E | 31 |
| TOTAL | 303.83 | 121.99 | 489.60 | 550.17 | 126.57 | 97.45 | 88.94 | 75.76 | 72.64 | 89.30 | 144.18 | 380.09 | TOTAL |
| MEAN | 9.80 | 4.36 | 15.8 | 18.3 | 4.15 | 3.25 | 2.80 | 2.44 | 2.42 | 2.88 | 4.81 | 12.3 | MEAN |
| MAX | 25.2 | 5.60 | 47.2 | 88.7 | 5.26 | 4.20 | 6.78 | 4.81 | 3.31 | 4.83 | 17.0 | 34.5 | MAX |
| MIN | 5.70 | 3.70 | 7.52 | 5.56 | 3.18 | 2.41 | 1.30 | 1.46 | 2.08 | 2.40 | 2.87 | 4.76 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.86
MAXIMUM DAILY, 88.7 ON APR 6
MINIMUM DAILY, 1.30 ON JUL 25
MAXIMUM INSTANTANEOUS
88.5 AT 16 04 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 42 30 N
LONG 80 50 30 W
DRAINAGE AREA, 576 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 28 300 | JUL | 7 510 |
| FEB | 10 500 | AUG | 6 550 |
| MAR | 42 300 | SEP | 6 260 |
| APR | 47 500 | OCT | 7 720 |
| MAY | 11 100 | NOV | 12 500 |
| JUN | 8 420 | DEC | 32 600 |

TOTAL DISCHARGE 219 000 dam³

## BIG TROUT LAKE AT TROUT LAKE - STATION NO 04CE001

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 213.952 | 213.933 | 213.910 | 213.884 | 213.880 | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 213.952 | 213.943 | 213.920 | 213.884 | 213.880 | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 213.952 | 213.943 | 213.920 | 213.874 | 213.880 | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 213.952 | 213.933 | 213.919 | 213.874 | 213.850 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 213.952 | 213.933 | 213.909 | 213.874 | 213.850 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 213.942 | 213.933 | 213.919 | 213.884 | 213.850 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 213.952 | 213.943 | 213.919 | 213.863 | 213.850 | --- | --- | 7 |
| 8 | --- | --- | --- | --- | 213.932 | 213.952 | 213.943 | 213.919 | 213.863 | 213.850 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | 213.922 | 213.952 | 213.943 | 213.918 | 213.883 | 213.850 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | 213.932 | 213.952 | 213.953 | 213.908 | 213.883 | 213.850 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | 213.942 | 213.952 | 213.953 | 213.906 | 213.883 | 213.850 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | 213.952 | 213.952 | 213.943 | 213.906 | 213.882 | 213.850 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | 213.962 | 213.952 | 213.943 | 213.906 | 213.882 | 213.860 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | 213.952 | 213.952 | 213.933 | 213.896 | 213.882 | 213.860 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | 213.952 | 213.953 | 213.943 | 213.897 | 213.882 | 213.870 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | 213.952 | 213.943 | 213.953 | 213.887 | 213.882 | 213.870 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | 213.952 | 213.943 | 213.953 | 213.887 | 213.882 | 213.880 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | 213.952 | 213.943 | 213.952 | 213.887 | 213.881 | 213.880 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | 213.952 | 213.933 | 213.952 | 213.887 | 213.881 | 213.880 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | 213.952 | 213.933 | 213.952 | 213.897 | 213.881 | 213.880 | --- | --- | 20 |
| 21 | 214.019 | --- | --- | --- | 213.952 | 213.933 | 213.942 | 213.886 | 213.881 | 213.880 | --- | --- | 21 |
| 22 | --- | --- | 213.859 | --- | 213.952 | 213.933 | 213.942 | 213.886 | 213.881 | 213.880 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | 213.952 | 213.933 | 213.941 | 213.886 | 213.881 | 213.880 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | 213.952 | 213.933 | 213.931 | 213.886 | 213.880 | 213.880 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | 213.952 | 213.943 | 213.921 | 213.886 | 213.880 | 213.890 | --- | --- | 25 |
| 26 | --- | --- | --- | --- | 213.952 | 213.943 | 213.921 | 213.885 | 213.880 | 213.890 | --- | --- | 26 |
| 27 | --- | --- | --- | --- | 213.952 | 213.943 | 213.911 | 213.885 | 213.880 | 213.890 | --- | --- | 27 |
| 28 | --- | --- | --- | --- | 213.952 | 213.943 | 213.911 | 213.885 | 213.880 | --- | --- | --- | 28 |
| 29 | --- | | --- | --- | 213.952 | 213.933 | 213.910 | 213.895 | 213.880 | --- | --- | --- | 29 |
| 30 | --- | | --- | --- | 213.952 | 213.933 | 213.910 | 213.895 | 213.880 | --- | --- | --- | 30 |
| 31 | --- | | --- | | 213.952 | | 213.910 | 213.895 | | --- | --- | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | 213.945 | 213.936 | 213.900 | 213.874 | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | 213.952 | 213.953 | 213.920 | 213.884 | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | 213.933 | 213.910 | 213.885 | 213.880 | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 49 00 N
LONG 89 54 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - SEASONAL OPERATION (MAY-OCT)

## BIGHEAD RIVER NEAR MEAFORD - STATION NO 02FB010

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.10E | 2.48S | 2.10S | 14.2 E | 3.12E | 2.91 E | 0.869 | 0.564 | 0.779 | 2.39 | 2.24 | 13.9 | 1 |
| 2 | 3.92E | 2.50S | 2.40S | 12.5 E | 2.78E | 2.49 E | 0.803 | 0.537 | 0.676 | 1.87 | 1.95 | 8.83 | 2 |
| 3 | 3.80E | 2.53S | 3.80S | 12.0 E | 2.61E | 3.48 E | 0.828 | 1.04 | 0.614 | 2.07 | 3.13 | 6.95 | 3 |
| 4 | 3.78E | 2.50S | 4.00S | 11.2 E | 2.48E | 2.45 E | 0.821 | 0.820 | 0.575 | 2.29 | 3.82 | 6.15 | 4 |
| 5 | 4.04E | 2.48S | 3.90S | 30.5 E | 2.38E | 1.93 E | 0.697 | 0.658 | 0.554 | 1.62 | 5.13 | 5.36 | 5 |
| 6 | 3.70E | 2.40S | 3.85S | 25.4 E | 2.24E | 1.65 E | 0.773 | 0.588 | 0.448 | 1.45 | 4.53 | 5.03 | 6 |
| 7 | 3.48E | 2.30S | 6.00S | 17.5 E | 2.21E | 1.34 E | 1.95 | 0.587 | 0.409 | 1.27 | 4.02 | 4.57 | 7 |
| 8 | 3.76E | 2.22S | 12.0 S | 14.1 E | 1.98E | 1.72 E | 3.27 | 0.784 | 0.387 | 1.65 | 8.17 | 5.34 | 8 |
| 9 | 3.45E | 2.12S | 10.5 S | 11.3 E | 1.78E | 1.76 E | 1.98 | 0.665 | 0.494 | 1.70 | 12.0 | 13.5 | 9 |
| 10 | 3.31E | 2.05S | 9.00S | 9.17E | 1.72E | 1.41 E | 1.64 | 0.769 | 0.583 | 1.23 | 8.37 | 11.8 | 10 |
| 11 | 3.33E | 2.00S | 7.80S | 7.88E | 1.78E | 1.27 E | 1.40 | 0.672 | 0.584 | 1.06 | 6.81 | 8.08 | 11 |
| 12 | 3.26E | 1.95S | 6.80S | 6.80E | 2.03E | 1.44 E | 0.986 | 0.556 | 0.513 | 1.11 | 6.12 | 8.80 | 12 |
| 13 | 3.24E | 1.92S | 5.60S | 6.39E | 1.88E | 1.78 E | 0.826 | 0.501 | 0.440 | 1.17 | 3.53 | 8.90 | 13 |
| 14 | 3.17E | 1.88S | 4.60S | 5.82E | 1.72E | 1.43 E | 1.34 | 0.475 | 0.389 | 1.11 | 2.04 | 8.57 | 14 |
| 15 | 3.61E | 1.85S | 4.25S | 5.84E | 1.83E | 1.16 E | 1.19 | 1.93 | 0.372 | 1.03 | 2.67 | 8.59 | 15 |
| 16 | 3.73E | 1.84S | 4.00S | 5.40E | 1.72E | 1.12 E | 1.03 | 1.37 | 0.384 | 0.942 | 2.65 | 8.30S | 16 |
| 17 | 3.77E | 1.83S | 3.90S | 5.01E | 1.62E | 0.906E | 0.726 | 1.02 | 0.513 | 0.862 | 2.54 | 8.20S | 17 |
| 18 | 3.24S | 1.82S | 3.92S | 4.81E | 1.53E | 0.848E | 0.594 | 0.946 | 0.788 | 0.737 | 3.06 | 8.10S | 18 |
| 19 | 3.05S | 1.80S | 4.50S | 4.31E | 1.73E | 0.897 | 0.647 | 0.761 | 0.561 | 0.730 | 3.17 | 8.10 | 19 |
| 20 | 2.82S | 1.80S | 5.40S | 4.02E | 1.73E | 0.936 | 2.33 | 0.723 | 0.517 | 1.27 | 3.57 | 7.07 | 20 |
| 21 | 2.70S | 1.80S | 6.04E | 3.80E | 1.52E | 0.849 | 1.84 | 0.588 | 1.94 | 2.55 | 2.83 | 12.1 | 21 |
| 22 | 2.60S | 1.80S | 11.3 E | 3.51E | 1.78E | 1.03 | 1.36 | 0.497 | 1.53 | 1.88 | 2.70S | 8.30 | 22 |
| 23 | 2.52S | 1.80S | 16.7 | 3.35E | 2.07E | 1.42 | 1.01 | 0.411 | 1.01 | 2.71 | 3.92 | 6.95 | 23 |
| 24 | 2.48S | 1.84S | 20.0 | 3.45E | 1.71E | 1.08 | 0.807 | 0.384 | 0.806 | 3.25 | 10.2 | 6.20 | 24 |
| 25 | 2.43S | 1.87S | 21.1 | 3.32E | 1.58E | 0.848 | 0.868 | 0.618 | 0.727 | 5.72 | 8.25 | 15.7 | 25 |
| 26 | 2.42S | 1.90S | 26.8 | 3.08E | 1.88E | 0.884 | 0.677 | 0.491 | 0.647 | 3.83 | 5.20S | 12.6 | 26 |
| 27 | 2.42S | 1.92S | 20.0 E | 3.18E | 2.22E | 0.858 | 0.602 | 0.488 | 0.600 | 4.55 | 5.10S | 7.40S | 27 |
| 28 | 2.41S | 1.94S | 16.5 E | 3.58E | 1.84E | 0.874 | 0.885 | 0.531 | 0.584 | 5.21 | 5.11 | 5.00S | 28 |
| 29 | 2.41S | | 13.6 E | 3.99E | 1.39E | 0.813 | 0.620 | 0.487 | 0.744 | 4.25 | 14.0 | 4.40S | 29 |
| 30 | 2.42S | | 17.5 E | 3.87E | 1.25E | 1.52 | 0.590 | 0.269 | 1.44 | 3.40 | 21.0 | 4.00S | 30 |
| 31 | 2.44S | | 17.8 E | | 1.08E | | 0.559 | 0.522 | | 2.83 | | 3.80S | 31 |
| TOTAL | 97.83 | 57.11 | 297.57 | 248.30 | 58.76 | 43.137 | 34.638 | 21.593 | 20.678 | 67.891 | 180.87 | 229.59 | TOTAL |
| MEAN | 3.16 | 2.04 | 9.60 | 8.28 | 1.89 | 1.44 | 1.12 | 0.697 | 0.689 | 2.19 | 6.36 | 7.41 | MEAN |
| MAX | 4.10 | 2.53 | 26.8 | 30.5 | 3.12 | 3.48 | 3.27 | 1.93 | 1.94 | 5.72 | 21.0 | 15.7 | MAX |
| MIN | 2.41 | 1.80 | 2.10 | 3.08 | 1.08 | 0.813 | 0.547 | 0.269 | 0.367 | 0.730 | 1.95 | 3.80 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.67
MAXIMUM DAILY, 30.5E ON APR 5
MINIMUM DAILY, 0.269 ON AUG 30
MAXIMUM INSTANTANEOUS,
38.6 AT 17.53 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 34 10 N
LONG 80 38 00 W
DRAINAGE AREA, 283 km²

E - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 8 450 | JUL | 2 990 |
| FEB | 4 930 | AUG | 1 870 |
| MAR | 25 700 | SEP | 1 790 |
| APR | 21 500 | OCT | 5 870 |
| MAY | 5 080 | NOV | 13 800 |
| JUN | 3 730 | DEC | 19 800 |

TOTAL DISCHARGE 116 000 dam³

## BLACK CREEK BELOW ACTON - STATION NO. 02HB024

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 0.205 | 0.126 | 0.114 | 0.079 | 0.100 | 0.137 | 0.346 | 1 |
| 2 | --- | --- | --- | --- | --- | 0.188 | 0.135 | 0.224 | 0.094 | 0.072 | 0.137 | 0.321 | 2 |
| 3 | --- | --- | --- | --- | --- | 0.151 | 0.151 | 0.189 | 0.099 | 0.086 | 0.143 | 0.284 | 3 |
| 4 | --- | --- | --- | --- | 0.224A | 0.133 | 0.147 | 0.175 | 0.084 | 0.092 | 0.128 | 0.250 | 4 |
| 5 | --- | --- | --- | --- | --- | 0.123 | 0.138 | 0.148 | 0.099 | 0.101 | 0.120 | 0.218 | 5 |
| 6 | --- | --- | --- | --- | --- | 0.151 | 0.184 | 0.134 | 0.085 | 0.102 | 0.108 | 0.203 | 6 |
| 7 | --- | --- | --- | --- | --- | 0.173 | 0.150 | 0.162 | 0.093 | 0.151 | 0.105 | 0.191 | 7 |
| 8 | --- | --- | --- | 0.955A | --- | 0.138 | 0.184 | 0.173 | 0.095 | 0.150 | 0.143 | 0.190 | 8 |
| 9 | --- | --- | --- | 0.545A | --- | 0.130 | 0.156 | 0.285 | 0.101 | 0.130 | 0.145 | 0.259 | 9 |
| 10 | --- | --- | --- | --- | --- | 0.113 | 0.149 | 0.224 | 0.101 | 0.112 | 0.130 | 0.240 | 10 |
| 11 | --- | --- | --- | --- | --- | 0.104 | 0.161 | 0.188 | 0.121 | 0.114 | 0.144 | 0.243 | 11 |
| 12 | --- | --- | --- | --- | --- | 0.122 | 0.150 | 0.142 | 0.130 | 0.109 | 0.143 | 0.258 | 12 |
| 13 | --- | --- | --- | --- | --- | 0.106 | 0.148 | 0.130 | 0.136 | 0.109 | 0.135 | 0.237 | 13 |
| 14 | --- | --- | --- | --- | 0.206A | 0.103 | 0.202 | 0.124 | 0.139 | 0.098 | 0.121 | 0.227 | 14 |
| 15 | --- | --- | --- | --- | --- | 0.120 | 0.141 | 0.108 | 0.120 | 0.088 | 0.124 | 0.240 | 15 |
| 16 | --- | --- | 0.334A | --- | --- | 0.101 | 0.128 | 0.161 | 0.134 | 0.088 | 0.122 | 0.251 | 16 |
| 17 | --- | --- | --- | --- | --- | 0.106 | 0.117 | 0.148 | 0.171 | 0.108 | 0.144 | 0.232 | 17 |
| 18 | --- | --- | 0.346A | --- | --- | 0.103 | 0.114 | 0.130 | 0.211 | 0.105 | 0.152 | 0.214 | 18 |
| 19 | --- | --- | --- | --- | --- | 0.117 | 0.138 | 0.103 | 0.180 | 0.097 | 0.165 | 0.212 | 19 |
| 20 | --- | --- | --- | --- | 0.238A | 0.101 | 0.804 | 0.084 | 0.174 | 0.103 | 0.217 | 0.316 | 20 |
| 21 | --- | --- | --- | --- | 0.208 | 0.101 | 0.341 | 0.086 | 0.227 | 0.106 | 0.163 | 0.685 | 21 |
| 22 | --- | --- | --- | --- | 0.231 | 0.555 | 0.236 | 0.075 | 0.195 | 0.153 | 0.144 | 0.523 | 22 |
| 23 | --- | --- | --- | --- | 0.219 | 0.215 | 0.183 | 0.074 | 0.182 | 0.186 | 0.134 | 0.373 | 23 |
| 24 | --- | --- | --- | --- | 0.198 | 0.193 | 0.183 | 0.103 | 0.147 | 0.183 | 0.198 | 0.320 | 24 |
| 25 | --- | --- | --- | --- | 0.194 | 0.181 | 0.170 | 0.093 | 0.146 | 0.181 | 0.345 | 0.411 | 25 |
| 26 | --- | --- | --- | --- | 0.210 | 0.184 | 0.148 | 0.083 | 0.129 | 0.187 | 0.364 | 0.411 | 26 |
| 27 | --- | --- | --- | --- | 0.208 | 0.184 | 0.132 | 0.082 | 0.129 | 0.241 | 0.310 | 0.371 | 27 |
| 28 | --- | --- | --- | --- | 0.202 | 0.182 | 0.108 | 0.100 | 0.185 | 0.212 | 0.290 | 0.316 | 28 |
| 29 | --- | | --- | --- | 0.194 | 0.158 | 0.102 | 0.110 | 0.107 | 0.181 | 0.393 | 0.270 | 29 |
| 30 | --- | | --- | --- | 0.185 | 0.136 | 0.105 | 0.085 | 0.100 | 0.174 | 0.402 | 0.232 | 30 |
| 31 | --- | | --- | | 0.184 | | 0.103 | 0.084 | | 0.152 | | 0.214 | 31 |
| TOTAL | --- | --- | --- | --- | --- | 4.591 | 5.505 | 4.189 | 3.953 | 4.073 | 5.488 | 9.069 | TOTAL |
| MEAN | --- | --- | --- | --- | --- | 0.153 | 0.178 | 0.135 | 0.132 | 0.131 | 0.183 | 0.292 | MEAN |
| MAX | --- | --- | --- | --- | --- | 0.555 | 0.804 | 0.255 | 0.227 | 0.241 | 0.402 | 0.685 | MAX |
| MIN | --- | --- | --- | --- | --- | 0.101 | 0.102 | 0.074 | 0.079 | 0.072 | 0.105 | 0.190 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY 0.072 ON OCT 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 37 46 N
LONG 80 00 41 W
DRAINAGE AREA, 18.9 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 476 |
| FEB | --- | AUG | 362 |
| MAR | --- | SEP | 342 |
| APR | --- | OCT | 353 |
| MAY | --- | NOV | 474 |
| JUN | 397 | DEC | 783 |

REMARKS STATION ACTIVATED MAY 20 1987

## BLACK CREEK NEAR WESTON - STATION NO 02HC037

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.484 | 0.329 | 5.28 | 1.81 | 0.285 | 0.317 | 0.179 | 0.185 | 0.336 | 0.226 | 0.177 | 0.802 | 1 |
| 2 | 0.4408 | 0.476 | 3.83 | 2.78 | 0.280 | 0.184 | 0.185 | 2.18 | 0.237 | 0.218 | 0.182 | 0.531 | 2 |
| 3 | 0.4058 | 1.14 | 1.09 | 1.60 | 0.304 | 0.185 | 0.341 | 0.804 | 0.184 | 0.176 | 0.817 | 0.473 | 3 |
| 4 | 0.376 | 0.541 | 0.838 | 3.34 | 0.347 | 0.143 | 0.412 | 0.328 | 0.192 | 0.152 | 0.278 | 0.462 | 4 |
| 5 | 0.376 | 0.336 | 0.784 | 4.32 | 0.330 | 0.177 | 0.188 | 0.278 | 0.161 | 0.171 | 0.200 | 0.385 | 5 |
| 6 | 0.375 | 0.331 | 0.697 | 4.06 | 0.385 | 0.181 | 0.880 | 0.271 | 0.171 | 0.172 | 0.188 | 0.333 | 6 |
| 7 | 0.374 | 0.440 | 1.98 | 2.87 | 0.324 | 0.247 | 0.951 | 0.418 | 0.158 | 1.81 | 0.177 | 0.328 | 7 |
| 8 | 0.381 | 0.763 | 2.48 | 1.11 | 0.341 | 0.348 | 1.42 | 0.241 | 0.847 | 0.822 | 0.848 | 0.401 | 8 |
| 9 | 0.341 | 0.410 | 1.42 | 0.878 | 0.287 | 0.177 | 0.491 | 3.04 | 0.277 | 0.289 | 0.768 | 1.28 | 9 |
| 10 | 0.547 | 0.380 | 0.858 | 0.847 | 0.284 | 0.188 | 1.28 | 0.630 | 0.204 | 0.214 | 0.248 | 0.827 | 10 |
| 11 | 0.558 | 0.388 | 0.518 | 0.483 | 0.820 | 0.188 | 0.848 | 0.284 | 0.770 | 0.181 | 0.176 | 0.388 | 11 |
| 12 | 0.545 | 0.339 | 0.433 | 2.18 | 0.384 | 0.187 | 0.232 | 0.227 | 0.426 | 0.177 | 0.184 | 0.588 | 12 |
| 13 | 0.526 | 0.285 | 0.380 | 1.13 | 0.288 | 0.383 | 1.01 | 0.228 | 3.81 | 0.182 | 0.211 | 0.332 | 13 |
| 14 | 0.505 | 0.253 | 0.358 | 0.858 | 0.782 | 0.187 | 4.05 | 0.231 | 0.677 | 0.182 | 0.227 | 0.305 | 14 |
| 15 | 0.881 | 0.2388 | 0.330 | 0.804 | 0.480 | 0.185 | 0.872 | 0.214 | 0.219 | 0.186 | 0.192 | 3.88 | 15 |
| 16 | 0.555 | 0.2408 | 0.331 | 0.482 | 0.238 | 0.188 | 0.308 | 0.448 | 0.212 | 0.180 | 0.196 | 1.88 | 16 |
| 17 | 0.3958 | 0.2508 | 0.320 | 0.388 | 0.316 | 0.138 | 0.228 | 0.807 | 0.984 | 0.739 | 0.813 | 0.879 | 17 |
| 18 | 0.3808 | 0.2638 | 0.318 | 0.382 | 0.322 | 0.142 | 0.184 | 0.288 | 0.954 | 0.314 | 0.573 | 0.414 | 18 |
| 19 | 0.3608 | 0.2898 | 0.321 | 0.337 | 0.348 | 0.182 | 0.788 | 0.219 | 1.08 | 0.188 | 0.244 | 0.332 | 19 |
| 20 | 0.3508 | 0.322 | 0.334 | 0.320 | 0.382 | 0.144 | 4.77 | 0.209 | 1.93 | 0.167 | 0.2208 | 5.26 | 20 |
| 21 | 0.3608 | 0.341 | 0.303 | 0.341 | 0.287 | 0.145 | 0.350 | 0.193 | 3.88 | 0.211 | 0.2108 | 2.23 | 21 |
| 22 | 0.3308 | 0.354 | 0.322 | 0.318 | 0.331 | 4.80 | 0.284 | 0.181 | 0.801 | 0.575 | 0.202 | 0.971 | 22 |
| 23 | 0.3008 | 0.381 | 0.380 | 0.432 | 0.371 | 0.504 | 0.223 | 0.188 | 0.347 | 0.940 | 0.223 | 0.880 | 23 |
| 24 | 0.2908 | 0.337 | 0.340 | 0.313 | 0.280 | 0.240 | 0.777 | 0.188 | 0.282 | 1.25 | 0.334 | 0.858 | 24 |
| 25 | 0.2888 | 0.325 | 0.908 | 0.288 | 0.380 | 0.208 | 0.348 | 0.178 | 0.331 | 0.820 | 7.02 | 1.54 | 25 |
| 26 | 0.2908 | 0.333 | 0.688 | 0.288 | 1.18 | 1.81 | 0.238 | 0.178 | 0.207 | 0.248 | 2.80 | 0.878 | 26 |
| 27 | 0.2958 | 0.372 | 0.443 | 0.870 | 3.08 | 0.285 | 0.190 | 0.185 | 1.42 | 0.888 | 0.932 | 0.832 | 27 |
| 28 | 0.2708 | 0.418 | 0.380 | 0.473 | 0.337 | 0.200 | 0.184 | 0.251 | 1.84 | 0.389 | 0.548 | 0.482 | 28 |
| 29 | 0.2718 | | 0.343 | 0.331 | 0.188 | 0.210 | 0.183 | 0.380 | 0.422 | 0.341 | 4.28 | 0.3208 | 29 |
| 30 | 0.483 | | 1.87 | 0.293 | 0.212 | 0.208 | 0.881 | 0.182 | 0.389 | 0.218 | 1.80 | 0.2908 | 30 |
| 31 | 0.407 | | 1.42 | | 0.378 | | 0.218 | 2.04 | | 0.182 | | 0.288 | 31 |
| TOTAL | 12.735 | 10.838 | 30.812 | 33.701 | 13.872 | 12.378 | 22.788 | 15.311 | 22.812 | 12.431 | 25.208 | 27.144 | TOTAL |
| MEAN | 0.410 | 0.387 | 0.987 | 1.12 | 0.481 | 0.413 | 0.735 | 0.494 | 0.784 | 0.401 | 0.840 | 0.875 | MEAN |
| MAX | 0.981 | 1.14 | 5.28 | 4.32 | 3.08 | 4.80 | 4.77 | 3.04 | 3.88 | 1.81 | 7.02 | 5.26 | MAX |
| MIN | 0.270 | 0.238 | 0.303 | 0.288 | 0.188 | 0.138 | 0.178 | 0.178 | 0.158 | 0.152 | 0.177 | 0.288 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.658
MAXIMUM DAILY, 7.02 ON NOV 28
MINIMUM DAILY, 0.138 ON JUN 17
MAXIMUM INSTANTANEOUS,
43.9 AT 16:45 EST ON MAY 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 40 31 N
LONG 79 30 21 W
DRAINAGE AREA, 58.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 100 | JUL | 1 870 |
| FEB | 936 | AUG | 1 320 |
| MAR | 2 840 | SEP | 1 980 |
| APR | 2 910 | OCT | 1 070 |
| MAY | 1 210 | NOV | 2 180 |
| JUN | 1 070 | DEC | 2 350 |

TOTAL DISCHARGE, 20 700 dam³

## BLACK RIVER AT BALDWIN - STATION NO 02EC006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.58 | 1.32 | 1.87 | 7.51 | 1.85 | 2.04 | 0.888E | 0.550 | 0.513 | 0.788 | 1.37 | 7.40 | 1 |
| 2 | 2.40 | 1.41 | 2.54 | 6.50 | 1.69 | 2.08 | 0.820E | 0.548 | 0.515 | 0.834 | 1.21 | 7.77 | 2 |
| 3 | 2.188 | 1.46 | 2.358 | 5.58 | 1.63 | 1.92 | 0.580E | 0.560 | 0.518 | 0.921 | 1.28 | 8.47 | 3 |
| 4 | 2.038 | 1.47 | 2.708 | 5.54 | 1.38 | 1.82 | 0.580E | 0.623 | 0.515 | 0.920 | 1.59 | 8.07 | 4 |
| 5 | 1.84 | 1.43 | 3.088 | 11.1 | 1.30 | 1.74 | 0.580E | 0.859 | 0.501 | 0.848 | 1.99 | 3.008 | 5 |
| 6 | 1.61 | 1.40 | 4.208 | 15.1 | 1.24 | 1.33 | 0.580E | 0.873 | 0.495 | 0.755 | 2.33 | 2.308 | 6 |
| 7 | 1.42 | 1.40 | 7.00 | 17.7 | 1.24 | 1.33 | 0.730E | 0.733 | 0.484 | 0.777 | 2.63 | 2.008 | 7 |
| 8 | 1.32 | 1.51 | 9.30 | 13.3 | 1.11 | 1.88 | 2.00 E | 0.749 | 0.472 | 0.838 | 3.17 | 1.93 | 8 |
| 9 | 1.35 | 1.51 | 16.9 | 9.95A | 1.03 | 2.03 | 11.0 E | 0.778 | 0.472 | 1.07 | 4.84 | 2.52 | 9 |
| 10 | 1.28 | 1.66 | 20.5 | 5.40E | 0.921 | 1.43 | 4.80 E | 0.847 | 0.461 | 0.983 | 4.66 | 3.96 | 10 |
| 11 | 1.30 | 1.80 | 13.5 | 2.80E | 0.845 | 0.725 | 3.05 E | 1.01 | 0.480 | 0.884 | 4.02 | 4.45 | 11 |
| 12 | 1.32 | 1.80 | 7.988 | 1.60E | 0.822 | 0.725 | 4.00 E | 1.08 | 0.443 | 1.68 | 3.43 | 4.40 | 12 |
| 13 | 1.34 | 1.58 | 5.408 | 1.40E | 0.886 | 1.30 | 5.28 A | 1.00 | 0.445 | 1.55 | 3.07 | 4.24 | 13 |
| 14 | 1.35 | 1.508 | 4.208 | 2.15E | 0.848 | 1.78 | 4.74 A | 0.886 | 0.434 | 1.34 | 2.76 | 3.73 | 14 |
| 15 | 1.43 | 1.438 | 3.278 | 3.28E | 0.888 | 1.71 | 4.00 E | 0.805 | 0.413 | 0.993 | 2.32 | 3.15 | 15 |
| 16 | 1.398 | 1.388 | 2.978 | 3.15E | 1.20 | 1.47 A | 3.35 E | 0.790 | 0.421 | 0.800 | 1.95 | 2.85 | 16 |
| 17 | 1.318 | 1.388 | 2.838 | 3.30E | 1.11 | 1.35 E | 2.90 E | 0.780 | 0.425 | 0.707 | 1.86 | 2.858 | 17 |
| 18 | 1.428 | 1.408 | 2.958 | 2.98E | 0.970 | 1.28 E | 2.85 E | 0.770 | 0.423 | 0.687 | 2.30 | 2.558 | 18 |
| 19 | 1.308 | 1.458 | 3.14 | 2.70E | 0.882 | 1.23 E | 2.50 E | 0.780 | 0.458 | 0.702 | 2.81 | 2.458 | 19 |
| 20 | 1.248 | 1.46 | 3.89 | 2.58E | 0.818 | 1.21 E | 4.55 E | 0.772 | 0.767 | 0.727 | 2.85 | 2.558 | 20 |
| 21 | 1.23 | 1.53 | 4.38 | 2.48A | 0.788 | 1.19 E | 4.20 A | 0.771 | 1.26 | 1.45 | 2.308 | 3.75 | 21 |
| 22 | 1.18 | 1.56 | 5.08 | 2.25 | 0.784 | 1.38 E | 3.30 | 0.781 | 1.21 | 1.31 | 1.97 | 4.26 | 22 |
| 23 | 1.148 | 1.60 | 5.12 | 2.05 | 0.780 | 1.78 E | 1.82 | 0.885 | 1.24 | 1.04 | 1.80 | 4.48 | 23 |
| 24 | 1.128 | 1.61 | 7.03 | 1.87 | 0.825 | 1.30 E | 1.41 | 0.859 | 1.11 | 1.39 | 1.84 | 4.03 | 24 |
| 25 | 1.108 | 1.62 | 7.55 | 1.77 | 0.859 | 1.03 E | 1.45 | 0.829 | 0.821 | 2.49 | 1.69 | 4.82 | 25 |
| 26 | 1.088 | 1.61 | 7.98 | 1.85 | 0.881 | 0.980E | 1.00 | 0.882 | 0.571 | 1.69 | 1.32 | 5.108 | 26 |
| 27 | 1.078 | 1.62 | 8.34 | 1.52 | 0.923 | 0.958E | 0.885 | 0.859 | 0.576 | 1.75 | 1.86 | 4.608 | 27 |
| 28 | 1.078 | 1.64 | 7.78 | 1.88 | 1.21 | 1.02 E | 0.858 | 0.841 | 0.587 | 1.88 | 1.84 | 3.408 | 28 |
| 29 | 1.088 | | 6.88 | 1.80 | 2.33 | 1.20 E | 0.868 | 0.831 | 0.644 | 2.26 | 2.73 | 2.108 | 29 |
| 30 | 1.218 | | 6.48 | 1.81 | 2.38 | 0.810E | 0.872 | 0.830 | 0.859 | 1.85 | 5.89 | 1.708 | 30 |
| 31 | 1.30 | | 7.28 | | 2.14 | | 0.886 | 0.818 | | 1.57 | | 1.508 | 31 |
| TOTAL | 43.98 | 42.09 | 185.28 | 181.08 | 38.430 | 41.726 | 75.213 | 22.139 | 18.301 | 37.870 | 75.80 | 118.20 | TOTAL |
| MEAN | 1.42 | 1.50 | 5.30 | 5.84 | 1.18 | 1.39 | 2.43 | 0.714 | 0.610 | 1.22 | 2.52 | 3.73 | MEAN |
| MAX | 2.58 | 1.64 | 20.5 | 17.7 | 2.38 | 2.08 | 11.0 | 1.08 | 1.26 | 2.49 | 5.89 | 7.77 | MAX |
| MIN | 1.07 | 1.32 | 1.87 | 1.50 | 0.788 | 0.725 | 0.858 | 0.818 | 0.413 | 0.687 | 1.21 | 1.50 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.34
MAXIMUM DAILY, 20.5 ON MAR 10
MINIMUM DAILY, 0.413 ON SEP 15
MAXIMUM INSTANTANEOUS,
22.9 AT 03:43 EST ON MAR 10

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 38 N
LONG 79 20 40 W
DRAINAGE AREA, 274 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 800 | JUL | 8 500 |
| FEB | 3 640 | AUG | 1 910 |
| MAR | 18 900 | SEP | 1 580 |
| APR | 13 100 | OCT | 3 270 |
| MAY | 3 150 | NOV | 8 530 |
| JUN | 3 610 | DEC | 9 950 |

TOTAL DISCHARGE, 73 800 dam³

## BLACK RIVER NEAR ACTINOLITE - STATION NO. 02HL003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.69 | 3.048 | 2.108 | 48.2 | 6.76 | 1.66 A | 0.973 | 0.653 | 0.716 | 0.751 | 1.56 | 14.8 | 1 |
| 2 | 5.62 | 3.048 | 3.108 | 45.5 | 5.89 | 1.57 A | 0.921 | 0.647 | 0.670 | 0.695 | 1.55 | 14.4 | 2 |
| 3 | 5.42 | 3.048 | 3.508 | 39.1 | 5.30 | 1.48 A | 0.927 | 0.685 | 0.632 | 0.735 | 1.91 | 12.8 | 3 |
| 4 | 5.03 | 2.858 | 3.308 | 35.4 | 4.98 | 1.42 A | 0.945 | 0.632 | 0.601 | 0.809 | 2.21 | 11.5 | 4 |
| 5 | 4.858 | 2.638 | 3.208 | 46.2 | 4.49 | 1.27 | 0.930 | 0.639 | 0.586 | 0.778 | 2.20 | 10.4 | 5 |
| 6 | 4.858 | 2.608 | 2.908 | 55.6 | 4.09 | 1.19 | 0.885 | 0.631 | 0.579 | 0.742 | 2.33 | 9.77 | 6 |
| 7 | 4.508 | 2.578 | 3.508 | 55.2 | 3.36 | 1.19 | 0.936 | 0.606 | 0.632 | 0.845 | 2.28 | 8.278 | 7 |
| 8 | 4.378 | 2.558 | 4.408 | 47.7 | 2.20 | 1.58 | 0.882 | 0.594 | 0.632 | 1.30 | 2.21 | 7.508 | 8 |
| 9 | 4.288 | 2.688 | 7.008 | 39.4 | 1.89 | 2.08 | 0.874 | 0.808 | 0.726 | 1.75 | 2.61 | 8.29 | 9 |
| 10 | 4.178 | 2.808 | 6.908 | 31.8 | 1.78 | 2.16 | 0.901 | 0.826 | 0.745 | 1.48 | 3.01 | 9.36 | 10 |
| 11 | 4.048 | 2.758 | 6.608 | 26.2 | 1.71 | 2.20 | 0.890 | 0.804 | 0.684 | 1.34 | 2.84 | 10.8 | 11 |
| 12 | 3.978 | 2.608 | 5.948 | 21.6 | 1.87 | 2.19 | 0.900 | 0.804 | 0.682 | 1.60 | 2.98 | 11.0 | 12 |
| 13 | 3.918 | 2.408 | 5.508 | 17.8 | 1.80 | 2.19 | 0.834 | 0.807 | 0.676 | 1.38 | 3.19 | 11.0 | 13 |
| 14 | 3.858 | 2.388 | 5.408 | 15.0 | 1.80 | 1.87 | 0.824 | 0.803 | 0.647 | 1.18 | 2.98 | 10.8 | 14 |
| 15 | 3.788 | 2.348 | 5.308 | 12.7 | 1.86 | 1.78 | 1.35 | 0.803 | 0.637 | 1.21 | 2.66 | 10.1 | 15 |
| 16 | 3.678 | 2.328 | 5.258 | 11.1 | 2.11 | 1.64 | 0.981 | 0.587 | 0.618 | 1.14 | 2.46 | 10.1 | 16 |
| 17 | 3.648 | 2.308 | 5.208 | 9.80 | 2.05 | 2.13 | 0.904 | 0.607 | 0.617 | 1.11 | 2.16 | 11.1 B | 17 |
| 18 | 3.608 | 2.298 | 5.31 | 8.76 | 1.85 | 1.83 | 0.883 | 0.593 | 0.617 | 1.17 | 3.70 | 9.958 | 18 |
| 19 | 3.608 | 2.258 | 5.91 | 8.14 | 1.78 | 1.23 | 0.943 | 0.592 | 0.632 | 1.23 | 7.28 | 9.388 | 19 |
| 20 | 3.458 | 2.288 | 6.72 | 7.43 | 1.66 | 1.05 | 0.894 | 0.588 | 0.772 | 1.16 | 7.48 | 9.82 | 20 |
| 21 | 3.358 | 2.238 | 7.23 | 6.80 | 1.54 | 0.950 | 0.832 | 0.577 | 0.907 | 1.11 | 8.23 | 11.5 | 21 |
| 22 | 3.298 | 2.178 | 8.71 | 6.13 | 1.44 | 0.920 | 0.774 | 0.587 | 0.903 | 1.09 | 8.20 | 12.1 | 22 |
| 23 | 3.248 | 2.148 | 12.5 | 5.82 | 1.62 | 0.886 | 0.726 | 0.559 | 0.784 | 1.04 | 4.78 | 11.2 | 23 |
| 24 | 3.168 | 2.128 | 16.6 | 5.69 | 1.86 | 0.864 | 0.721 | 0.550 | 0.778 | 0.887 | 4.77 | 10.5 | 24 |
| 25 | 3.138 | 2.108 | 19.6 | 5.32 | 2.04 | 0.837 | 0.710 | 0.548 | 0.735 | 1.01 | 5.10 | 11.0 | 25 |
| 26 | 3.098 | 2.078 | 22.6 | 4.93 | 1.71 | 0.822 | 0.717 | 0.547 | 0.702 | 1.45 | 5.66 | 11.7 | 26 |
| 27 | 3.048 | 2.048 | 25.3 | 4.65 | 1.56 | 1.17 | 0.693 | 0.598 | 1.04 | 1.50 | 5.45 | 11.2 | 27 |
| 28 | 3.008 | 2.018 | 24.7 | 5.19 | 1.86A | 1.17 | 0.645 | 0.775 | 0.846 | 1.64 | 5.93 | 10.6 B | 28 |
| 29 | 2.968 | | 23.1 | 7.87 | 2.12A | 1.08 | 0.657 | 0.786 | 0.796 | 1.72 | 6.61 | 9.178 | 29 |
| 30 | 2.938 | | 23.6 | 7.94 | 1.96A | 1.01 | 0.679 | 0.704 | 0.737 | 1.85 | 11.5 | 7.058 | 30 |
| 31 | 3.048 | | 38.3 | | 1.73A | | 0.657 | 0.712 | | 1.57 | | 6.758 | 31 |
| TOTAL | 120.69 | 68.62 | 319.47 | 644.27 | 78.85 | 43.269 | 26.656 | 19.238 | 21.388 | 37.072 | 121.69 | 323.73 | TOTAL |
| MEAN | 3.89 | 2.45 | 10.3 | 21.5 | 2.54 | 1.44 | 0.860 | 0.621 | 0.713 | 1.20 | 4.06 | 10.4 | MEAN |
| MAX | 5.69 | 3.04 | 38.3 | 55.6 | 6.76 | 2.20 | 1.35 | 0.786 | 1.04 | 1.75 | 11.5 | 14.8 | MAX |
| MIN | 2.93 | 2.01 | 2.10 | 4.65 | 1.44 | 0.837 | 0.649 | 0.545 | 0.579 | 0.695 | 1.55 | 6.76 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 5.00
MAXIMUM DAILY 55.6 ON APR 6
MINIMUM DAILY 0.545 ON AUG 28
MAXIMUM INSTANTANEOUS
57.2 AT 04 43 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 21 N
LONG 77 22 15 W
DRAINAGE AREA 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 10 400 | JUL | 2 300 |
| FEB | 5 930 | AUG | 1 660 |
| MAR | 27 600 | SEP | 1 850 |
| APR | 55 700 | OCT | 3 200 |
| MAY | 6 810 | NOV | 10 500 |
| JUN | 3 740 | DEC | 28 000 |

TOTAL DISCHARGE, 158 000 dam³

## BLACK RIVER NEAR MARATHON - STATION NO. 02BB002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.708 | 5.268 | 5.018 | 7.908 | 35.4E | 32.2 E | 5.83 | 21.6 | 13.1 | 7.57 | 30.6 | 24.58 | 1 |
| 2 | 6.618 | 5.188 | 4.988 | 8.608 | 33.7E | 31.8 E | 5.70 | 21.8 | 12.8 | 8.52 | 30.1 | 22.88 | 2 |
| 3 | 6.498 | 5.128 | 4.958 | 9.408 | 31.5E | 31.0 E | 5.76 | 22.7 | 11.9 | 8.66 | 19.6 | 21.48 | 3 |
| 4 | 6.378 | 5.058 | 4.928 | 10.4 B | 29.5E | 28.1 E | 10.7 | 23.1 | 11.3 | 8.62 | 19.2 | 20.38 | 4 |
| 5 | 6.258 | 5.008 | 4.908 | 11.7 B | 27.5E | 25.8 E | 9.42 | 22.7 | 10.7 | 8.75 | 18.9 | 19.68 | 5 |
| 6 | 6.168 | 4.958 | 4.878 | 13.6 | 26.4E | 24.0 E | 8.44 | 21.6 | 11.5 | 10.2 | 18.1 | 18.28 | 6 |
| 7 | 6.078 | 4.908 | 4.858 | 16.9 | 25.6E | 22.5 E | 7.87 | 20.4 | 14.4 | 11.8 | 17.0 | 17.88 | 7 |
| 8 | 7.268 | 4.858 | 4.828 | 22.7 | 21.9E | 21.7 E | 7.07 | 18.5 | 15.9 | 13.0 | 16.2 | 17.58 | 8 |
| 9 | 7.898 | 5.808 | 4.808 | 27.4 | 20.4E | 20.5 E | 7.43 | 16.9 | 15.6 | 14.5 | 15.6 | 17.48 | 9 |
| 10 | 7.808 | 5.758 | 4.778 | 34.0 | 19.4E | 19.4 E | 45.1 | 15.4 | 15.9 | 15.5 | 13.9 | 17.38 | 10 |
| 11 | 7.728 | 5.708 | 4.758 | 45.1 | 18.3E | 18.0 E | 53.1 | 14.2 | 16.4 | 15.8 | 14.3 | 17.18 | 11 |
| 12 | 7.648 | 5.658 | 4.738 | 59.2 | 17.1E | 17.2 E | 44.0 | 13.4 | 15.7 | 16.0 | 15.2 | 17.08 | 12 |
| 13 | 7.568 | 5.608 | 4.708 | 68.1 | 16.2E | 16.9 E | 45.8 | 13.0 | 15.0 | 16.3 | 15.2 | 16.78 | 13 |
| 14 | 7.488 | 5.598 | 4.688 | 67.8 | 15.5E | 16.5 E | 42.8 | 12.3 | 14.8 | 17.0 | 14.6 | 16.28 | 14 |
| 15 | 7.408 | 5.528 | 4.668 | 70.6 | 14.8E | 16.3 E | 39.7 | 13.8 | 14.7 | 17.8 | 13.8 | 15.58 | 15 |
| 16 | 7.328 | 5.448 | 4.858 | 73.0 | 14.2E | 15.1 E | 35.8 | 17.6 | 14.2 | 19.8 | 13.8 | 14.98 | 16 |
| 17 | 7.258 | 5.448 | 4.848 | 76.3 | 13.8E | 13.7 E | 33.3 | 20.8 | 13.5 | 28.2 | 26.4 | 14.38 | 17 |
| 18 | 7.188 | 5.408 | 4.648 | 79.7 | 13.3E | 13.5 E | 33.9 | 36.6 | 13.7 | 31.5 | 56.2 | 14.18 | 18 |
| 19 | 7.118 | 5.368 | 4.658 | 82.4 | 12.8E | 12.1 | 35.8 | 39.8 | 13.1 | 31.3 | 56.6 | 13.78 | 19 |
| 20 | 7.048 | 5.328 | 4.688 | 82.8 | 12.0E | 11.1 | 40.6 | 34.6 | 11.6 | 30.6 | 47.2 | 13.58 | 20 |
| 21 | 6.968 | 5.298 | 4.748 | 80.9 | 11.9E | 9.50 | 38.6 | 32.6 | 11.2 | 29.8 | 45.0 | 13.28 | 21 |
| 22 | 6.858 | 5.268 | 4.808 | 77.3 | 13.4E | 8.35 | 36.6 | 31.2 | 10.7 | 28.1 | 40.8 | 12.88 | 22 |
| 23 | 6.808 | 5.238 | 4.908 | 71.8 E | 19.3E | 7.85 | 36.0 | 28.1 | 10.4 | 26.5 | 42.1 | 12.48 | 23 |
| 24 | 6.748 | 5.208 | 5.008 | 64.5 E | 23.2E | 7.35 | 35.8 | 24.2 | 10.3 | 24.5 | 40.0 | 12.28 | 24 |
| 25 | 6.658 | 5.188 | 5.208 | 57.7 E | 25.1E | 6.94 | 33.5 | 21.5 | 9.52 | 22.7 | 35.3 | 11.78 | 25 |
| 26 | 6.608 | 5.128 | 5.458 | 51.6 E | 25.4E | 6.57 | 31.6 | 19.4 | 9.00 | 21.4 | 31.4 | 11.48 | 26 |
| 27 | 6.548 | 5.098 | 5.758 | 46.2 E | 26.9E | 6.60 | 30.3 | 17.3 | 8.33 | 21.5 | 30.98 | 11.28 | 27 |
| 28 | 6.488 | 5.068 | 6.068 | 42.0 E | 25.9E | 6.71 | 28.9 | 15.8 | 7.91 | 22.0 | 29.68 | 11.08 | 28 |
| 29 | 6.428 | | 6.458 | 38.9 E | 27.3E | 6.50 | 27.1 | 14.9 | 7.58 | 22.2 | 28.08 | 10.48 | 29 |
| 30 | 6.368 | | 6.858 | 37.8 E | 30.9E | 6.17 | 25.8 | 14.1 | 7.24 | 22.2 | 26.39 | 10.68 | 30 |
| 31 | 6.308 | | 7.308 | | 33.0E | | 23.8 | 13.4 | | 21.7 | | 10.58 | 31 |
| TOTAL | 228.73 | 158.30 | 158.14 | 1 434.50 | 677.4 | 479.34 | 870.94 | 653.5 | 385.68 | 594.24 | 800.8 | 477.7 | TOTAL |
| MEAN | 7.38 | 5.58 | 5.10 | 47.8 | 21.9 | 16.0 | 28.1 | 21.1 | 12.2 | 19.2 | 26.7 | 15.4 | MEAN |
| MAX | 8.70 | 6.26 | 7.30 | 82.8 | 35.4 | 32.2 | 53.1 | 39.8 | 16.4 | 31.5 | 56.6 | 24.5 | MAX |
| MIN | 6.30 | 5.06 | 4.84 | 7.90 | 11.5 | 6.17 | 5.70 | 13.3 | 7.24 | 7.57 | 13.9 | 10.5 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 18.9
MAXIMUM DAILY 82.8 ON APR 20
MINIMUM DAILY 4.848 ON MAR 17
MAXIMUM INSTANTANEOUS
82.9 AT 09 51 EST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 41 30 N
LONG 85 12 45 W
DRAINAGE AREA 1 980 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 19 600 | JUL | 75 200 |
| FEB | 13 500 | AUG | 58 600 |
| MAR | 13 700 | SEP | 31 600 |
| APR | 124 000 | OCT | 51 300 |
| MAY | 58 500 | NOV | 69 200 |
| JUN | 41 400 | DEC | 41 300 |

TOTAL DISCHARGE, 598 000 dam³

## BLACK RIVER NEAR WASHAGO - STATION NO 02EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 22 0 | 10.3 B | 9 808 | 96 2 | 16 0 | 6 46 | 3 90 | 1 19 | 0 592 | 0 631 | 3 64 | 20 0 | 1 |
| 2 | 21 3 | 10 5 B | 13.2 B | 96 7 | 15 6 | 6.37 | 3 83 | 1 17 | 0 580 | 0 943 | 3 44 | 22 6 | 2 |
| 3 | 20 2 | 10 6 B | 17 0 B | 92 0 | 15 4 | 6 20 | 3 69 | 1 18 | 0 546 | 1 12 | 3 42 | 23 3 | 3 |
| 4 | 18.5 B | 10 0 B | 17.7 | 84 2 | 14.7 | 5.85 | 3 85 | 1 19 | 0 549 | 1 06 | 3 70 | 23 6 | 4 |
| 5 | 17 1 B | 9 808 | 17 3 | 87 9 | 13 8 | 5 56 | 3.86 | 1 17 | 0 539 | 1 05 | 4 32 | 23 6 | 5 |
| 6 | 16 5 B | 9 708 | 16 8 | 98.4 | 12 6 | 5 46 | 3 58 | 1 17 | 0 501 | 1 04 | 4 74 | 23 5 | 6 |
| 7 | 16 0 B | 9 608 | 17 4 | 102 | 11 4 | 5 08 | 3.46 | 1 60 | 0 485 | 0 974 | 5 05 | 22 9 | 7 |
| 8 | 15.7 B | 10.0 B | 21.0 | 98.2 | 10 7 | 5 24 | 3 43 | 1 60 | 0 462 | 0 939 | 5 28 | 20 6 | 8 |
| 9 | 15 4 B | 10 1 B | 26.0 | 93.3 | 10 1 | 5 83 | 3 31 | 1 40 | 0 461 | 0 989 | 6 33 | 20 6 | 9 |
| 10 | 15.0 B | 9 908 | 27.4 | 86 0 | 9.47 | 6.38 | 3 17 | 1 23 | 0 456 | 0 936 | 7 76 | 23 3 | 10 |
| 11 | 14 7 B | 9 808 | 27.7 | 74 8 | 9.01 | 5.94 | 2 98 | 1 07 | 0 455 | 0 937 | 7 90 | 25 2 | 11 |
| 12 | 14.5 B | 9 308 | 26.4 | 68.3 | 8.83 | 5 54 | 2 79 | 0 995 | 0 486 | 1 01 | 7 44 | 26 0 | 12 |
| 13 | 14.2 B | 9 108 | 24.9 | 57.7 | 8.38 | 5 45 | 2 58 | 0 925 | 0 477 | 1 04 | 7 26 | 26 2E | 13 |
| 14 | 14 1 B | 8 808 | 23.2 | 51.3 | 8.31A | 5.55 | 2 58 | 0 853 | 0 481 | 0 941 | 7 32 | 31 6 | 14 |
| 15 | 14.0 B | 8 608 | 21 8 | 46.2 | 8.90A | 5.34 | 2.84 | 0 872 | 0 489 | 0 829 | 7 16 | 36 5 | 15 |
| 16 | 13 7 B | 8 808 | 20.8 | 43.2 | 11.0 | 4.88 | 3.28 | 0 879 | 0 457 | 0 785 | 6.89 | 36 8 | 16 |
| 17 | 13 1 B | 8.688 | 19.8 | 40.5 | 10.4 | 4 48 | 3.25 | 0 887 | 0 471 | 0 777 | 6 48 | 37 3E | 17 |
| 18 | 12 8 B | 8.708 | 19.2 | 37.8 | 9 34 | 4.24 | 3 89 | 0 850 | 0 484 | 0 804 | 6 41 | 38 0E | 18 |
| 19 | 11 8 B | 8.808 | 19.8 | 34.9 | 8.21 | 3.98 | 3 82 | 0 888 | 0 437 | 0 821 | 6 98 | 38 5E | 19 |
| 20 | 11.2 B | 9 008 | 21.1 | 31.9 | 7.36 | 3.88 | 3 61 | 1.18 | 0 450 | 0 846 | 6 79 | 39 0E | 20 |
| 21 | 10 8 B | 9 208 | 23 7 | 29.3 | 6.75 | 3 70 | 2.46 | 1 26 | 0 494 | 0 905 | 6 61 | 38 5E | 21 |
| 22 | 10 6 B | 9 308 | 25 0 | 27 1 | 6 61 | 3 54 | 3.40 | 1 09 | 0 535 | 0 957 | 6 32 | 38 0E | 22 |
| 23 | 10.3 B | 9 308 | 26.3 | 25.8 | 6.86 | 3 50 | 2.31 | 0 883 | 0 642 | 1 15 | 6 09 | 37 3E | 23 |
| 24 | 10 1 B | 9 208 | 25.0 | 24.2 | 6.87 | 3 55A | 2 24 | 0 718 | 0 625 | 1 24 | 6 50 | 36 5E | 24 |
| 25 | 9.958 | 9.058 | 60.3 | 22.7 | 6.81 | 3.47E | 2.07 | 0 631 | 0 603 | 1 72 | 7 04 | 35 5E | 25 |
| 26 | 9 908 | 9 008 | 89.9 | 21.5 | 6.30 | 3.21A | 1 97 | 0 581 | 0 581 | 2 28 | 7 77 | 34 4E | 26 |
| 27 | 9 808 | 8 908 | 80 6 | 20 6 | 6 23 | 3.17 | 1 76 | 0 557 | 0 536 | 2 84 | 8 72 | 34 5E | 27 |
| 28 | 9 658 | 8 908 | 85.7 | 20.1 | 6.67 | 3 43 | 1 58 | 0 543 | 0 539 | 3 58 | 9 40 | 34 9E | 28 |
| 29 | 9 908 | | 86 9 | 19.8 | 7 08 | 3 60 | 1 40 | 0 533 | 0 526 | 4 14 | 10 2 | 41 2 | 29 |
| 30 | 9 958 | | 86.0 | 19.3 | 6 83 | 3.93 | 1 32 | 0 530 | 0 566 | 4 17 | 14 6 | 45 2 | 30 |
| 31 | 10 1 B | | 95.7 | | 6.44 | | 1 26 | 0 537 | | 3 86 | | 49 9 | 31 |
| TOTAL | 422.75 | 262 70 | 1 114.80 | 1 651 1 | 286 74 | 143.18 | 85 16 | 30 107 | 15 471 | 45 474 | 201 08 | 992 2 | TOTAL |
| MEAN | 13 6 | 9 38 | 36.0 | 59.0 | 9 57 | 4 77 | 2 75 | 0 971 | 0 516 | 1 47 | 6 70 | 32 0 | MEAN |
| MAX | 22.0 | 10.6 | 95.7 | 102 | 16.0 | 6 46 | 3.90 | 1 60 | 0 642 | 4 17 | 14 6 | 49 9 | MAX |
| MIN | 9 80 | 8 80 | 9.60 | 19.3 | 6.23 | 3 17 | 1 26 | 0 530 | 0 437 | 0 631 | 3 42 | 20 0 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14 4
MAXIMUM DAILY, 102 ON APR 7
MINIMUM DAILY, 0 437 ON SEP 15
MAXIMUM INSTANTANEOUS,
102 AT 08 15 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 46 N
LONG 79 15 54 W
DRAINAGE AREA, 1 820 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 38 500 | JUL | 7 380 |
| FEB | 22 700 | AUG | 2 600 |
| MAR | 86 300 | SEP | 1 340 |
| APR | 143 000 | OCT | 3 930 |
| MAY | 25 600 | NOV | 17 400 |
| JUN | 12 400 | DEC | 85 700 |

TOTAL DISCHARGE, 455 000 dam³

## BLACK STURGEON RIVER AT HIGHWAY NO 17 - STATION NO 02AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7 578 | 6 728 | 6.218 | 6.308 | 9 94 | 15 3 | 7.67 | 5.28 | 10 3 | 10 1 | 15 4 | 12 0 B | 1 |
| 2 | 7 548 | 6 708 | 6 208 | 6.358 | 9.63 | 14 6 | 7 54 | 5 47 | 10 1 | 10 8 | 15 3 | 11 7 B | 2 |
| 3 | 7 508 | 6 678 | 6 198 | 6 408 | 9.39 | 14 1 | 7 48 | 5.41 | 9 76 | 11 7 | 15 1 | 11 5 B | 3 |
| 4 | 7 468 | 6 648 | 6 188 | 6 508 | 9 06 | 13.9 | 7 53 | 5 11 | 9 42 | 11 7 | 15 2 | 11 2 B | 4 |
| 5 | 7 438 | 6 628 | 6 188 | 6.70 | 8.73 | 13.5 | 7 32 | 4 88 | 9 38 | 11 4 | 15 2 | 11 0 B | 5 |
| 6 | 7 408 | 6 608 | 6 148 | 7.22 | 8 43 | 13.3 | 7 01 | 4 56 | 10 1 | 12 1 | 15 3 | 10 8 B | 6 |
| 7 | 7 378 | 6 588 | 6 128 | 7 93 | 8.36 | 13 1 | 6 74 | 4 37 | 10 5 | 14 0 | 14 9 | 10 6 B | 7 |
| 8 | 7 338 | 6 568 | 6 108 | 8.62 | 8 32 | 12.8 | 6 65 | 4 21 | 10 8 | 14 4 | 14 6 | 10 5 B | 8 |
| 9 | 7 308 | 6 548 | 6 088 | 9 41 | 8 19 | 12.6 | 6 48 | 4 15 | 11 1 | 15.2 | 14 1 | 10 3 B | 9 |
| 10 | 7 288 | 6 528 | 6 068 | 9 96 | 8 01 | 12.2 | 6 35 | 4 19 | 11 2 | 15 7 | 13 8 | 10 2 B | 10 |
| 11 | 7 268 | 6 508 | 6 058 | 10 7 | 7.97 | 11.8 | 6 14 | 4 29 | 11 4 | 15 0 | 13 5 | 10 1 B | 11 |
| 12 | 7 248 | 6 488 | 6 048 | 11 1 | 7 71 | 11 7 | 6 03 | 4 78 | 12 3 | 14 3 | 13 3 | 9 958 | 12 |
| 13 | 7 228 | 6 468 | 6 038 | 10 9 | 7 56 | 12 9 | 6 29 | 5 78 | 12 8 | 13 7 | 13 1 | 9 808 | 13 |
| 14 | 7 208 | 6 458 | 6 028 | 10 7 | 7 60 | 12 9 | 6 31 | 6 54 | 13 0 | 13 6 | 12 9 | 9 708 | 14 |
| 15 | 7 188 | 6 448 | 6 028 | 10 7 | 7 62 | 12 6 | 6 13 | 7 02 | 12 8 | 13 6 | 12 9 | 9 558 | 15 |
| 16 | 7 148 | 6 428 | 6 028 | 10 6 | 7 88 | 12.2 | 5 95 | 8 13 | 12 3 | 14 8 | 13 0 | 9 308 | 16 |
| 17 | 7 108 | 6 428 | 6 038 | 10 5 | 8 04 | 11 7 | 5 80 | 11 5 | 12 0 | 17 9 | 14 2 | 9 108 | 17 |
| 18 | 7 088 | 6 408 | 6 038 | 10 5 | 8 08 | 11 1 | 5 65 | 14 8 | 11 5 | 19 0 | 16 1 | 8 908 | 18 |
| 19 | 7 068 | 6 388 | 6 048 | 10 5 | 7 81 | 10 9 | 5 61 | 16 3 | 11 2 | 18 2 | 16 6 | 8 708 | 19 |
| 20 | 7 028 | 6 368 | 6 048 | 10 6 | 7 73 | 10 7 | 5 90 | 16 2 | 11 3 | 17 3 | 16 3 | 8 558 | 20 |
| 21 | 6 988 | 6 368 | 6 058 | 10 7 | 7 85 | 10 2 | 5 82 | 15 4 | 11 3 | 16 7 | 13 2 | 8 358 | 21 |
| 22 | 6 948 | 6 348 | 6 068 | 10 7 | 11 1 | 9 76 | 5 83 | 14 7 | 11 3 | 16 2 | 11 2 | 8 208 | 22 |
| 23 | 6 928 | 6 328 | 6 088 | 10 2 | 14 7 | 10 6 | 6 25 | 14 0 | 11 1 | 16 7 | 13 3 | 8 058 | 23 |
| 24 | 6 888 | 6 308 | 6 108 | 9 98 | 15 2 | 9 97 | 6 42 | 13 1 | 10 8 | 15 4 | 14 4 | 7 958 | 24 |
| 25 | 6 868 | 6 288 | 6 138 | 9 76 | 14 4 | 9 44 | 6 15 | 12 2 | 10 5 | 15 0 | 14 4 | 7 808 | 25 |
| 26 | 6 848 | 6 268 | 6 148 | 9 40 | 13 6 | 9 45 | 6 08 | 11 5 | 10 2 | 14 9 | 13 88 | 7 658 | 26 |
| 27 | 6 828 | 6 248 | 6 168 | 9 51 | 13 3 | 9 61 | 6 04 | 11 1 | 9 88 | 15 2 | 13 58 | 7 558 | 27 |
| 28 | 6 808 | 6 228 | 6 188 | 10 1 | 13 1 | 9 13 | 5 84 | 10 9 | 9 63 | 15 5 | 13 08 | 7 458 | 28 |
| 29 | 6 788 | | 6 208 | 10 2 | 12 9 | 8 51 | 5 79 | 10 5 | 9 56 | 15 6 | 12 78 | 7 358 | 29 |
| 30 | 6 768 | | 6 228 | 10 2 | 12 7 | 8 04 | 5 81 | 10 3 | 9 68 | 15 5 | 12 48 | 7 258 | 30 |
| 31 | 6 748 | | 6 258 | | 13.3 | | 5 41 | 10 4 | | 15 8 | | 7 158 | 31 |
| TOTAL | 230 99 | 180 82 | 189 32 | 282 92 | 306 23 | 348 60 | 195 11 | 277 11 | 327 03 | 456 0 | 420 8 | 288 20 | TOTAL |
| MEAN | 7 13 | 6 45 | 6 11 | 9 43 | 9 94 | 11 6 | 6 33 | 8 94 | 10 9 | 14 7 | 14 0 | 9 30 | MEAN |
| MAX | 7 57 | 6 72 | 6 25 | 11 1 | 15 2 | 15 3 | 7 67 | 16 3 | 13 0 | 19 0 | 16 6 | 12 0 | MAX |
| MIN | 6 74 | 6 22 | 6 02 | 6 30 | 7 56 | 8 04 | 5 41 | 4 15 | 9 39 | 10 1 | 11 2 | 7 15 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 53
MAXIMUM DAILY, 19.0 ON OCT 18
MINIMUM DAILY, 4 15 ON AUG 9
MAXIMUM INSTANTANEOUS,
19.3 AT 09 16 EST ON OCT 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 13 N
LONG 88 32 38 W
DRAINAGE AREA, 2 940 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 19 100 | JUL | 16 900 |
| FEB | 15 800 | AUG | 23 900 |
| MAR | 16 400 | SEP | 26 300 |
| APR | 24 400 | OCT | 38 400 |
| MAY | 26 800 | NOV | 36 400 |
| JUN | 30 100 | DEC | 24 900 |

TOTAL DISCHARGE, 302 000 dam³

## BLACKWATER RIVER AT BEARDMORE - STATION NO 02AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.508 | 1.488 | 1.208 | 2.80 | 11.2 | 6.78 | 1.12 | 4.18 | 2.62 | 2.31 | 6.50 | 5.208 | 1 |
| 2 | 2.478 | 1.488 | 1.198 | 2.96 | 10.5 | 6.57 | 1.15 | 3.93 | 2.53 | 2.57 | 6.18 | 4.958 | 2 |
| 3 | 2.438 | 1.508 | 1.188 | 3.13 | 9.82 | 6.23 | 1.25 | 3.72 | 2.28 | 2.82 | 6.01 | 4.708 | 3 |
| 4 | 2.398 | 1.518 | 1.198 | 3.31 | 9.30 | 5.94 | 1.29 | 3.45 | 2.11 | 2.74 | 5.86 | 4.508 | 4 |
| 5 | 2.368 | 1.518 | 1.218 | 3.45 | 8.89 | 5.66 | 1.21 | 3.10 | 2.02 | 3.06 | 5.76 | 4.358 | 5 |
| 6 | 2.338 | 1.518 | 1.228 | 3.67 | 8.07 | 5.27 | 1.14 | 2.81 | 1.96 | 3.72 | 5.60 | 4.158 | 6 |
| 7 | 2.308 | 1.508 | 1.238 | 3.94 | 7.58 | 5.03 | 1.11 | 2.54 | 1.94 | 4.36 | 5.56 | 4.008 | 7 |
| 8 | 2.278 | 1.498 | 1.228 | 4.24 | 7.09 | 4.83 | 1.21 | 2.24 | 1.92 | 4.83 | 5.50 | 3.828 | 8 |
| 9 | 2.258 | 1.488 | 1.208 | 4.80 | 6.80 | 4.69 | 1.28 | 2.12 | 1.94 | 5.53 | 5.43 | 3.678 | 9 |
| 10 | 2.228 | 1.478 | 1.188 | 5.93 | 6.15 | 4.47 | 1.19 | 2.06 | 2.01 | 8.23 | 5.29 | 3.548 | 10 |
| 11 | 2.198 | 1.458 | 1.168 | 7.74 | 5.74 | 4.34 | 1.23 | 1.88 | 2.03 | 6.78 | 5.14 | 3.408 | 11 |
| 12 | 2.188 | 1.448 | 1.138 | 10.2 | 5.41 | 4.18 | 1.21 | 1.95 | 2.03 | 7.14 | 4.98 | 3.288 | 12 |
| 13 | 2.138 | 1.428 | 1.118 | 13.3 | 5.08 | 4.02 | 1.17 | 2.40 | 2.04 | 7.37 | 4.88 | 3.168 | 13 |
| 14 | 2.108 | 1.408 | 1.10 | 16.1 | 4.78 | 3.83 | 1.18 | 2.32 | 2.03 | 7.48 | 4.74 | 3.048 | 14 |
| 15 | 1.988 | 1.388 | 1.08 | 18.0 | 4.60 | 3.80 | 1.13 | 2.30 | 2.08 | 7.52 | 4.84 | 2.948 | 15 |
| 16 | 1.838 | 1.378 | 1.09 | 18.4 | 4.41 | 3.40 | 1.11 | 2.65 | 2.13 | 7.88 | 4.67 | 2.838 | 16 |
| 17 | 1.728 | 1.368 | 1.11 | 20.4 | 4.27 | 3.19 | 1.13 | 2.80 | 2.17 | 7.93 | 4.93 | 2.748 | 17 |
| 18 | 1.678 | 1.358 | 1.14 | 20.8 | 4.03 | 2.95 | 1.10 | 2.77 | 2.17 | 8.02 | 5.24 | 2.868 | 18 |
| 19 | 1.628 | 1.338 | 1.18 | 20.8 | 3.81 | 2.72 | 1.11 | 2.90 | 2.23 | 8.24 | 5.53 | 2.578 | 19 |
| 20 | 1.578 | 1.328 | 1.20 | 21.1 | 3.70 | 2.54 | 1.10 | 3.28 | 2.32 | 8.53 | 5.74 | 2.508 | 20 |
| 21 | 1.528 | 1.318 | 1.22 | 20.6 | 3.75 | 2.39 | 1.09 | 3.60 | 2.33 | 8.65 | 6.04 | 2.428 | 21 |
| 22 | 1.488 | 1.298 | 1.26 | 20.1 | 4.30 | 2.24 | 1.14 | 3.86 | 2.30 | 8.95 | 6.38 | 2.348 | 22 |
| 23 | 1.448 | 1.268 | 1.32 | 18.4 | 4.84 | 2.11 | 1.62 | 3.84 | 2.27 | 8.88 | 6.61 | 2.288 | 23 |
| 24 | 1.408 | 1.278 | 1.48 | 16.5 | 4.73 | 1.94 | 1.85 | 3.80 | 2.19 | 8.59 | 6.70 | 2.228 | 24 |
| 25 | 1.378 | 1.288 | 1.84 | 17.3 | 5.14 | 1.77 | 2.11 | 3.77 | 2.07 | 8.24 | 6.72 | 2.178 | 25 |
| 26 | 1.348 | 1.248 | 1.89 | 16.1 | 5.78 | 1.61 | 2.85 | 3.60 | 1.98 | 7.98 | 6.53 | 2.118 | 26 |
| 27 | 1.328 | 1.238 | 1.73 | 14.9 | 6.35 | 1.49 | 3.29 | 3.49 | 1.92 | 7.74 | 6.258 | 2.088 | 27 |
| 28 | 1.348 | 1.228 | 1.86 | 13.9 | 6.74 | 1.39 | 3.82 | 3.31 | 1.91 | 7.47 | 5.958 | 2.018 | 28 |
| 29 | 1.378 | | 2.05 | 13.1 | 6.88 | 1.29 | 4.16 | 3.07 | 2.07 | 7.15 | 5.708 | 1.978 | 29 |
| 30 | 1.408 | | 2.31 | 12.0 | 6.94 | 1.21 | 4.39 | 2.87 | 2.12 | 6.90 | 5.458 | 1.938 | 30 |
| 31 | 1.438 | | 2.54 | | 6.84 | | 4.30 | 2.74 | | 6.57 | | 1.898 | 31 |
| TOTAL | 57.90 | 38.83 | 42.43 | 371.79 | 192.91 | 107.70 | 53.82 | 83.33 | 63.72 | 202.03 | 170.51 | 95.39 | TOTAL |
| MEAN | 1.87 | 1.39 | 1.37 | 12.4 | 6.22 | 3.59 | 1.74 | 3.01 | 2.12 | 6.52 | 5.68 | 3.08 | MEAN |
| MAX | 2.50 | 1.51 | 2.54 | 21.1 | 11.2 | 6.78 | 4.39 | 4.18 | 2.62 | 8.95 | 6.72 | 5.20 | MAX |
| MIN | 1.32 | 1.23 | 1.08 | 2.80 | 3.70 | 1.21 | 1.09 | 1.88 | 1.91 | 2.31 | 4.84 | 1.89 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 4.08
MAXIMUM DAILY 21.1 ON APR 20
MINIMUM DAILY 1.08 ON MAR 15
MAXIMUM INSTANTANEOUS
21.1 AT 18 16 EST ON APR 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 10 N
LONG 87 57 50 W
DRAINAGE AREA, 850 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 000 | JUL | 4 650 |
| FEB | 3 350 | AUG | 8 060 |
| MAR | 3 670 | SEP | 5 510 |
| APR | 32 100 | OCT | 17 500 |
| MAY | 16 700 | NOV | 14 700 |
| JUN | 9 310 | DEC | 8 240 |

TOTAL DISCHARGE, 129 000 dam³

## BLANCHE RIVER ABOVE ENGLEHART - STATION NO 02JC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.608 | 5.608 | 4.56 | 35.3 | 56.4 | 33.0 | 18.2 | 15.1 | 5.04 | 5.31 | 16.0 | 11.6 | 1 |
| 2 | 5.558 | 5.558 | 4.76 | 32.7 | 52.5 | 36.7 | 16.9 | 14.4 | 4.88 | 5.86 | 15.8 | 11.3 | 2 |
| 3 | 5.25 | 5.508 | 4.638 | 29.8 | 48.5 | 82.9 | 16.5 | 13.9 | 4.70 | 10.8 | 15.7 | 11.1 | 3 |
| 4 | 5.35 | 5.478 | 4.628 | 28.4 | 44.9 | 79.9 | 20.5 | 14.1 | 4.65 | 11.4 | 15.9 | 11.0 | 4 |
| 5 | 5.26 | 5.458 | 4.608 | 31.2 | 41.6 | 73.8 | 18.2 | 14.0 | 4.48 | 11.7 | 16.5 | 10.9 | 5 |
| 6 | 5.13 | 5.408 | 4.808 | 40.5 | 38.4 | 67.5 | 16.2 | 13.5 | 4.29 | 12.3 | 16.6 | 10.5 | 6 |
| 7 | 5.27 | 5.358 | 5.008 | 52.1 | 35.2 | 59.5 | 17.2 | 12.7 | 4.24 | 15.6 | 16.2 | 10.1 | 7 |
| 8 | 5.25 | 5.308 | 5.108 | 51.8 | 32.8 | 52.3 | 15.6 | 12.0 | 4.13 | 17.7 | 16.2 | 9.91 | 8 |
| 9 | 5.14 | 5.258 | 5.158 | 56.7 | 30.7 | 47.0 | 15.9 | 11.6 | 4.62 | 18.6 | 15.6 | 10.6 | 9 |
| 10 | 5.04 | 5.208 | 5.178 | 63.4 | 28.5 | 41.8 | 15.2 | 11.0 | 4.76 | 21.1 | 15.2 | 11.9 | 10 |
| 11 | 7.87 | 5.158 | 5.058 | 65.4 | 27.2 | 37.4 | 14.5 | 10.3 | 4.84 | 21.2 | 14.7 | 14.3 | 11 |
| 12 | 7.89 | 5.058 | 5.008 | 67.2 | 28.2 | 35.1 | 13.8 | 9.73 | 4.62 | 21.4 | 14.9 | 14.9 | 12 |
| 13 | 7.95 | 5.008 | 5.008 | 64.7 | 27.2 | 33.3 | 13.7 | 9.17 | 4.53 | 21.5 | 14.7 | 14.9 | 13 |
| 14 | 7.87 | 4.958 | 4.888 | 61.8 | 27.2 | 30.8 | 12.7 | 8.73 | 4.70 | 20.8 | 14.4 | 14.8 | 14 |
| 15 | 7.80 | 4.97 | 4.958 | 60.7 | 29.7 | 28.5 | 11.8 | 8.43 | 4.66 | 19.9 | 14.0 | 13.9 | 15 |
| 16 | 7.31 | 4.87 | 4.91 | 61.1 | 29.1 | 26.8 | 11.2 | 8.22 | 4.61 | 19.5 | 13.9 | 13.2 | 16 |
| 17 | 7.07 | 4.78 | 5.06 | 59.7 | 28.0 | 25.7 | 10.6 | 7.81 | 4.51 | 19.0 | 13.8 | 12.8 | 17 |
| 18 | 6.958 | 4.86 | 5.09 | 58.2 | 26.7 | 24.6 | 12.1 | 7.58 | 4.48 | 18.5 | 13.6 | 12.7 | 18 |
| 19 | 6.858 | 4.73 | 5.09 | 55.7 | 25.5 | 23.4 | 13.8 | 7.40 | 4.41 | 18.0 | 13.6 | 12.6 | 19 |
| 20 | 6.708 | 4.76 | 5.14 | 52.8 | 24.1 | 22.3 | 14.6 | 7.43 | 4.57 | 17.5 | 13.2 | 12.4 | 20 |
| 21 | 6.558 | 4.75 | 5.37 | 50.4 | 23.1 | 21.0 | 14.8 | 7.19 | 4.70 | 16.8 | 12.2 | 12.2 | 21 |
| 22 | 6.458 | 4.83 | 5.76 | 48.8 | 22.8 | 20.0 | 14.5 | 7.48 | 4.67 | 16.5 | 12.6 | 12.0 | 22 |
| 23 | 6.308 | 4.89 | 6.52 | 46.7 | 23.3 | 18.8 | 14.2 | 7.08 | 4.49 | 15.9 | 12.4 | 11.9 | 23 |
| 24 | 6.158 | 4.80 | 9.64 | 46.2 | 23.2 | 17.8 | 14.8 | 6.74 | 4.32 | 15.5 | 12.6 | 11.8 | 24 |
| 25 | 6.058 | 4.74 | 16.9 | 43.6 | 22.9 | 21.2 | 17.2 | 6.39 | 4.23 | 14.9 | 12.3 | 11.7 | 25 |
| 26 | 5.99 | 4.77 | 26.1 | 40.5 | 22.8 | 23.3 | 18.7 | 6.18 | 4.12 | 14.4 | 11.8 | 11.7 | 26 |
| 27 | 5.908 | 4.85 | 31.3 | 44.5 | 28.4 | 21.8 | 18.7 | 6.19 | 3.96 | 14.7 | 11.3 | 11.6 | 27 |
| 28 | 5.808 | 4.81 | 31.9 | 53.6 | 28.2 | 21.3 | 18.1 | 5.81 | 3.91 | 15.1 | 11.4 | 11.5 | 28 |
| 29 | 5.708 | | 37.8 | 57.6 | 26.3 | 20.7 | 17.2 | 5.56 | 4.21 | 16.5 | 11.3 | 11.4 | 29 |
| 30 | 5.658 | | 47.8 | 60.5 | 24.6 | 19.6 | 16.6 | 5.38 | 5.07 | 16.2 | 11.3 | 11.3 | 30 |
| 31 | 5.608 | | 40.4 | | 23.7 | | 15.7 | 5.34 | | 15.5 | | 11.2 | 31 |
| TOTAL | 223.24 | 141.03 | 358.25 | 1 522.6 | 952.2 | 1 088.0 | 483.9 | 285.43 | 135.38 | 502.59 | 419.9 | 373.71 | TOTAL |
| MEAN | 7.20 | 5.04 | 11.6 | 50.8 | 30.7 | 35.6 | 15.6 | 9.24 | 4.51 | 16.2 | 14.0 | 12.1 | MEAN |
| MAX | 8.60 | 5.60 | 47.8 | 67.2 | 56.4 | 82.9 | 20.5 | 15.1 | 5.07 | 21.5 | 16.6 | 14.9 | MAX |
| MIN | 5.60 | 4.81 | 4.60 | 28.4 | 22.8 | 17.9 | 10.6 | 5.34 | 3.91 | 5.31 | 11.3 | 9.91 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 17.7
MAXIMUM DAILY 82.9 ON JUN 3
MINIMUM DAILY 3.91 ON SEP 28
MAXIMUM INSTANTANEOUS
96.3 AT 13 00 EST ON JUN 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 53 21 N
LONG 79 52 45 W
DRAINAGE AREA 1 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 19 300 | JUL | 41 500 |
| FEB | 12 200 | AUG | 24 700 |
| MAR | 31 000 | SEP | 11 700 |
| APR | 132 000 | OCT | 43 400 |
| MAY | 82 300 | NOV | 36 300 |
| JUN | 92 300 | DEC | 32 300 |

TOTAL DISCHARGE, 559 000 dam³

## BLOOMFIELD CREEK AT BLOOMFIELD - STATION NO 02HE001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.251 | 0.117 | 0.273 | 0.701 | 0.123 | 0.026 | 0.024 | 0.022 | 0.027 | 0.032 | 0.030 | 0.391 | 1 |
| 2 | 0.2108 | 0.120 | 0.571 | 0.704 | 0.108 | 0.025 | 0.029 | 0.023 | 0.024 | 0.041 | 0.027 | 0.273 | 2 |
| 3 | 0.1588 | 0.126 | 0.443 | 0.703 | 0.097 | 0.034 | 0.028 | 0.026 | 0.023 | 0.046 | 0.029 | 0.221 | 3 |
| 4 | 0.1638 | 0.126 | 0.369 | 0.697 | 0.090 | 0.038 | 0.027 | 0.027 | 0.025 | 0.041 | 0.030 | 0.217 | 4 |
| 5 | 0.166 | 0.119 | 0.301 | 1.37 | 0.086 | 0.027 | 0.028 | 0.024 | 0.023 | 0.040 | 0.028 | 0.202 | 5 |
| 6 | 0.172 | 0.113 | 0.321 | 1.92 | 0.083 | 0.022 | 0.026 | 0.021 | 0.025 | 0.042 | 0.023 | 0.184 | 6 |
| 7 | 0.188 | 0.116 | 0.905 | 1.37 | 0.080 | 0.028 | 0.024 | 0.024 | 0.028 | 0.066 | 0.022 | 0.182 | 7 |
| 8 | 0.188 | 0.1228 | 1.84 | 0.779 | 0.076 | 0.050 | 0.025 | 0.023 | 0.035 | 0.049 | 0.031 | 0.188 | 8 |
| 9 | 0.188 | 0.1318 | 1.06 | 0.520 | 0.076 | 0.043 | 0.023 | 0.027 | 0.027 | 0.041 | 0.038 | 0.200 | 9 |
| 10 | 0.189 | 0.133 | 0.438 | 0.387 | 0.073 | 0.035 | 0.021 | 0.026 | 0.025 | 0.038 | 0.035 | 0.239 | 10 |
| 11 | 0.181 | 0.125 | 0.317 | 0.323 | 0.070 | 0.029 | 0.022 | 0.027 | 0.027 | 0.039 | 0.024 | 0.235 | 11 |
| 12 | 0.183 | 0.115 | 0.280 | 0.269 | 0.084 | 0.037 | 0.025 | 0.028 | 0.032 | 0.038 | 0.022 | 0.232 | 12 |
| 13 | 0.186 | 0.105 | 0.268 | 0.268 | 0.080 | 0.039 | 0.028 | 0.028 | 0.031 | 0.038 | 0.027 | 0.226 | 13 |
| 14 | 0.186 | 0.099 | 0.260 | 0.238 | 0.081 | 0.033 | 0.041 | 0.021 | 0.024 | 0.030 | 0.028 | 0.206 | 14 |
| 15 | 0.188 | 0.085 | 0.240 | 0.220 | 0.089 | 0.033 | 0.031 | 0.021 | 0.022 | 0.030 | 0.025 | 0.205 | 15 |
| 16 | 0.201 | 0.077 | 0.230 | 0.206 | 0.070 | 0.032 | 0.021 | 0.021 | 0.026 | 0.035 | 0.034 | 0.303 | 16 |
| 17 | 0.187 | 0.080 | 0.228 | 0.190 | 0.066 | 0.030 | 0.026 | 0.024 | 0.027 | 0.032 | 0.028 | 0.282 | 17 |
| 18 | 0.129 | 0.080 | 0.228 | 0.178 | 0.063 | 0.030 | 0.026 | 0.025 | 0.036 | 0.021 | 0.033 | 0.244 | 18 |
| 19 | 0.131 | 0.084 | 0.230 | 0.188 | 0.062 | 0.029 | 0.021 | 0.025 | 0.034 | 0.024 | 0.028 | 0.231 | 19 |
| 20 | 0.132 | 0.083 | 0.222 | 0.184 | 0.060 | 0.029 | 0.022 | 0.025 | 0.040 | 0.031 | 0.031 | 0.438 | 20 |
| 21 | 0.128 | 0.082 | 0.215 | 0.148 | 0.068 | 0.027 | 0.017 | 0.032 | 0.035 | 0.028 | 0.024 | 0.730 | 21 |
| 22 | 0.127 | 0.082 | 0.229 | 0.130 | 0.046 | 0.041 | 0.021 | 0.025 | 0.031 | 0.027 | 0.018 | 0.539 | 22 |
| 23 | 0.128 | 0.088 | 0.232 | 0.137 | 0.046 | 0.044 | 0.019 | 0.021 | 0.032 | 0.032 | 0.022 | 0.427 | 23 |
| 24 | 0.120 | 0.088 | 0.225 | 0.151 | 0.046 | 0.033 | 0.018 | 0.020 | 0.031 | 0.032 | 0.025 | 0.384 | 24 |
| 25 | 0.118 | 0.092 | 0.237 | 0.136 | 0.044 | 0.028 | 0.018 | 0.021 | 0.030 | 0.043 | 0.044 | 0.385 | 25 |
| 26 | 0.114 | 0.080 | 0.322 | 0.118 | 0.040 | 0.035 | 0.020 | 0.022 | 0.028 | 0.040 | 0.084 | 0.339 | 26 |
| 27 | 0.112 | 0.089 | 0.284 | 0.110 | 0.045 | 0.040 | 0.017 | 0.025 | 0.031 | 0.042 | 0.081 | 0.287 | 27 |
| 28 | 0.110 | 0.086 | 0.286 | 0.218 | 0.044 | 0.038 | 0.018 | 0.031 | 0.039 | 0.041 | 0.050 | 0.240 | 28 |
| 29 | 0.107 |  | 0.242 | 0.182 | 0.039 | 0.035 | 0.020 | 0.029 | 0.039 | 0.035 | 0.381 | 0.188 | 29 |
| 30 | 0.114 |  | 0.285 | 0.143 | 0.031 | 0.030 | 0.023 | 0.026 | 0.032 | 0.026 | 0.881 | 0.133 | 30 |
| 31 | 0.114 |  | 0.638 |  | 0.027 |  | 0.023 | 0.032 |  | 0.029 |  | 0.121 | 31 |
| TOTAL | 4.719 | 2.886 | 11.988 | 13.054 | 1.990 | 1.000 | 0.730 | 0.770 | 0.887 | 1.096 | 1.837 | 8.571 | TOTAL |
| MEAN | 0.152 | 0.102 | 0.387 | 0.436 | 0.064 | 0.033 | 0.024 | 0.025 | 0.030 | 0.035 | 0.061 | 0.276 | MEAN |
| MAX | 0.251 | 0.133 | 1.84 | 1.92 | 0.123 | 0.050 | 0.041 | 0.032 | 0.040 | 0.066 | 0.881 | 0.730 | MAX |
| MIN | 0.107 | 0.077 | 0.215 | 0.110 | 0.027 | 0.022 | 0.017 | 0.020 | 0.022 | 0.021 | 0.018 | 0.121 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.136
MAXIMUM DAILY, 1.92 ON APR 6
MINIMUM DAILY, 0.017 ON JUL 21
MAXIMUM INSTANTANEOUS,
2.23 AT 14:01 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 26 N
LONG 77 13 06 W
DRAINAGE AREA, 13.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 406 | JUL | 63 1 |
| FEB | 247 | AUG | 66 5 |
| MAR | 1 040 | SEP | 75 6 |
| APR | 1 130 | OCT | 94 7 |
| MAY | 172 | NOV | 159 |
| JUN | 86 4 | DEC | 741 |

TOTAL DISCHARGE, 4 280 dam³

## BLUE JAY CREEK NEAR TEMKUMMAH - STATION NO 02CG003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.479 | 0.428 | 0.437 | 0.705 | 0.458 | 0.417 | 0.387 | 0.410E | 0.371 | 0.475 | 0.486 | 1.15 | 1 |
| 2 | 0.482 | 0.420 | 0.442 | 0.852 | 0.463 | 0.415 | 0.405 | 0.408E | 0.386 | 0.717 | 0.486 | 0.878 | 2 |
| 3 | 0.480 | 0.422 | 0.435 | 0.827 | 0.485 | 0.428 | 0.408 | 0.405E | 0.377 | 0.638 | 0.471 | 0.755 | 3 |
| 4 | 0.478 | 0.421 | 0.442 | 0.842 | 0.436 | 0.426 | 0.402 | 0.403E | 0.388 | 0.509 | 0.537 | 0.656 | 4 |
| 5 | 0.471 | 0.415 | 0.452 | 1.01 | 0.421 | 0.411 | 0.403 | 0.401E | 0.366 | 0.448 | 0.575 | 0.582 | 5 |
| 6 | 0.485 | 0.422 | 0.457 | 1.25 | 0.420 | 0.405 | 0.418 | 0.400E | 0.374 | 0.419 | 0.600 | 0.532 | 6 |
| 7 | 0.483 | 0.429 | 0.540 | 1.10 | 0.421 | 0.407 | 0.416 | 0.400E | 0.385 | 0.404 | 0.589 | 0.500 | 7 |
| 8 | 0.456 | 0.411 | 0.715 | 0.897 | 0.422 | 0.427 | 0.415 | 0.396 | 0.378 | 0.406 | 0.526 | 0.510 | 8 |
| 9 | 0.449 | 0.484 | 0.733 | 0.776 | 0.418 | 0.429 | 0.418 | 0.397 | 0.389 | 0.424 | 0.508 | 1.02 | 9 |
| 10 | 0.480 | 0.440 | 0.673 | 0.708 | 0.416 | 0.420 | 0.421 | 0.399 | 0.383 | 0.425 | 0.484 | 1.17 | 10 |
| 11 | 0.467 | 0.433 | 0.610 | 0.852 | 0.411 | 0.425 | 0.424 | 0.393 | 0.408 | 0.405 | 0.485 | 0.932 | 11 |
| 12 | 0.439 | 0.439 | 0.583 | 0.811 | 0.404 | 0.483 | 0.420E | 0.385 | 0.387 | 0.409 | 0.467 | 1.27 | 12 |
| 13 | 0.432 | 0.437 | 0.533 | 0.584 | 0.405 | 0.484 | 0.420E | 0.398 | 0.384 | 0.397 | 0.463 | 1.28 | 13 |
| 14 | 0.434 | 0.433 | 0.513 | 0.556 | 0.410 | 0.439 | 0.420E | 0.396 | 0.381 | 0.398 | 0.455 | 1.07 | 14 |
| 15 | 0.432 | 0.435 | 0.502 | 0.548 | 0.402 | 0.420 | 0.420E | 0.389 | 0.374 | 0.388 | 0.452 | 0.888 | 15 |
| 16 | 0.424 | 0.424 | 0.495 | 0.528 | 0.409 | 0.424 | 0.420E | 0.400 | 0.388 | 0.402 | 0.446 | 0.787 | 16 |
| 17 | 0.431 | 0.423 | 0.489 | 0.514 | 0.408 | 0.419 | 0.419E | 0.392 | 0.373 | 0.410 | 0.434 | 0.712 | 17 |
| 18 | 0.440 | 0.425 | 0.522 | 0.510 | 0.404 | 0.414 | 0.418E | 0.405 | 0.371 | 0.412 | 0.432 | 0.642 | 18 |
| 19 | 0.434 | 0.420 | 0.565 | 0.496 | 0.390 | 0.407 | 0.418E | 0.413 | 0.389 | 0.423 | 0.437 | 0.604 | 19 |
| 20 | 0.429 | 0.422 | 0.694 | 0.498 | 0.404 | 0.406 | 0.418E | 0.392 | 0.412 | 0.410 | 0.427 | 0.602 | 20 |
| 21 | 0.434 | 0.426 | 0.853 | 0.495 | 0.598 | 0.399 | 0.418E | 0.395 | 0.475 | 0.403 | 0.413 | 0.672 | 21 |
| 22 | 0.425 | 0.429 | 1.05 | 0.487 | 0.726 | 0.398 | 0.417E | 0.416 | 0.520 | 0.404 | 0.420 | 0.598 | 22 |
| 23 | 0.421 | 0.431 | 1.21 | 0.478 | 0.577 | 0.395 | 0.417E | 0.408 | 0.453 | 0.473 | 0.433 | 0.571 | 23 |
| 24 | 0.417 | 0.419 | 1.27 | 0.478 | 0.503 | 0.395 | 0.418E | 0.394 | 0.411 | 0.512 | 0.456 | 0.569 | 24 |
| 25 | 0.413 | 0.422 | 1.26 | 0.474 | 0.474 | 0.403 | 0.415E | 0.389 | 0.413 | 0.853 | 0.470 | 0.913 | 25 |
| 26 | 0.422 | 0.425 | 1.17 | 0.466 | 0.470 | 0.402 | 0.415E | 0.393 | 0.418 | 0.673 | 0.450 | 0.882 | 26 |
| 27 | 0.415 | 0.434 | 1.01 | 0.516 | 0.458 | 0.407 | 0.414E | 0.382 | 0.472 | 0.804 | 0.444 | 0.767 | 27 |
| 28 | 0.418 | 0.431 | 0.900 | 0.525 | 0.441 | 0.404 | 0.413E | 0.383 | 0.485 | 0.794 | 0.449 | 0.665 | 28 |
| 29 | 0.415 |  | 0.836 | 0.515 | 0.440 | 0.400 | 0.412E | 0.371 | 0.501 | 0.670 | 0.598 | 0.588 | 29 |
| 30 | 0.423 |  | 0.848 | 0.505 | 0.442 | 0.389 | 0.411E | 0.374 | 0.496 | 0.580 | 1.25 | 0.545 | 30 |
| 31 | 0.422 |  | 0.765 |  | 0.425 |  | 0.410E | 0.368 |  | 0.518 |  | 0.522 | 31 |
| TOTAL | 13.842 | 11.981 | 21.986 | 18.795 | 14.842 | 12.484 | 12.849 | 12.267 | 12.213 | 15.714 | 15.113 | 24.124 | TOTAL |
| MEAN | 0.440 | 0.428 | 0.709 | 0.627 | 0.453 | 0.416 | 0.414 | 0.396 | 0.407 | 0.507 | 0.504 | 0.778 | MEAN |
| MAX | 0.482 | 0.464 | 1.27 | 1.25 | 0.728 | 0.483 | 0.424 | 0.416 | 0.520 | 0.853 | 1.25 | 1.27 | MAX |
| MIN | 0.413 | 0.411 | 0.435 | 0.466 | 0.390 | 0.389 | 0.387 | 0.368 | 0.363 | 0.397 | 0.413 | 0.500 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.507
MAXIMUM DAILY, 1.27 ON MAR 24
MINIMUM DAILY, 0.383 ON SEP 10
MAXIMUM INSTANTANEOUS,
1.73 AT 09:28 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 39 06 N
LONG 81 59 15 W
DRAINAGE AREA, 17.9 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 380 | JUL | 1 110 |
| FEB | 1 040 | AUG | 1 080 |
| MAR | 1 900 | SEP | 1 080 |
| APR | 1 820 | OCT | 1 360 |
| MAY | 1 210 | NOV | 1 310 |
| JUN | 1 080 | DEC | 2 080 |

TOTAL DISCHARGE, 16 000 dam³

## BLUE SPRINGS CREEK NEAR EDEN MILLS - STATION NO. 02EA031

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.736 | 0.506 | 0.511 | 1.51 | 0.616 | 0.410E | 0.252 | 0.176 | 0.147 | 0.157 | 0.231 | 0.858 | 1 |
| 2 | 0.720 | 0.536 | 0.755 | 1.45 | 0.781 | 0.440E | 0.250 | 0.225 | 0.136 | 0.173 | 0.233 | 0.596 | 2 |
| 3 | 0.714 | 0.562 | 0.612 | 1.38 | 0.793 | 0.440E | 0.254 | 0.414 | 0.137 | 0.184 | 0.219 | 0.552 | 3 |
| 4 | 0.658 | 0.549 | 0.758 | 1.29 | 0.757 | 0.428E | 0.248 | 0.267 | 0.130 | 0.148 | 0.211 | 0.446 | 4 |
| 5 | 0.614 | 0.556 | 0.714 | 1.67 | 0.748 | 0.412E | 0.248 | 0.218 | 0.124 | 0.147 | 0.184 | 0.390 | 5 |
| 6 | 0.595 | 0.552 | 0.681 | 3.35 | 0.735 | 0.398E | 0.259 | 0.192 | 0.128 | 0.180 | 0.182 | 0.335 | 6 |
| 7 | 0.600 | 0.576 | 0.785 | 3.33 | 0.700 | 0.384E | 0.284 | 0.188 | 0.119 | 0.162 | 0.182 | 0.284 | 7 |
| 8 | 0.604 | 0.578 | 1.01 | 2.72 | 0.678 | 0.370E | 0.331 | 0.224 | 0.134 | 0.215 | 0.212 | 0.237 | 8 |
| 9 | 0.591 | 0.533 | 1.30 | 2.12 | 0.705 | 0.356A | 0.368 | 0.312 | 0.148 | 0.202 | 0.259 | 0.249 | 9 |
| 10 | 0.593 | 0.607 | 1.15 | 1.75 | 0.651 | 0.342E | 0.398 | 0.433 | 0.135 | 0.175 | 0.251 | 0.883 | 10 |
| 11 | 0.610 | 0.544 | 1.28 | 1.54 | 0.647 | 0.328E | 0.268 | 0.272 | 0.158 | 0.177 | 0.216 | 0.515 | 11 |
| 12 | 0.616 | 0.580 | 0.963 | 1.48 | 0.649 | 0.315E | 0.242 | 0.233 | 0.188 | 0.182 | 0.212 | 0.459 | 12 |
| 13 | 0.610 | 0.540 | 0.858 | 1.57 | 0.602 | 0.301E | 0.207 | 0.180 | 0.178 | 0.148 | 0.224 | 0.444 | 13 |
| 14 | 0.623 | 0.507 | 0.826 | 1.82 | 0.601 | 0.288E | 0.280 | 0.163 | 0.184 | 0.154 | 0.238 | 0.390 | 14 |
| 15 | 0.673 | 0.486 | 0.809 | 1.84 | 0.724 | 0.276A | 0.284 | 0.173 | 0.198 | 0.148 | 0.232 | 0.318 | 15 |
| 16 | 0.719 | 0.453 | 0.801 | 1.48 | 0.681 | 0.265 | 0.236 | 0.175 | 0.177 | 0.180 | 0.226 | 0.323 | 16 |
| 17 | 0.642 | 0.440 | 0.808 | 1.38 | 0.681 | 0.246 | 0.218 | 0.228 | 0.180 | 0.167 | 0.221 | 0.385 | 17 |
| 18 | 0.631 | 0.433 | 0.832 | 1.27 | 0.621 | 0.232 | 0.203 | 0.208 | 0.388 | 0.179 | 0.259 | 0.323 | 18 |
| 19 | 0.590 | 0.444 | 0.878 | 1.17 | 0.605 | 0.234 | 0.197 | 0.178 | 0.326 | 0.188 | 0.288 | 0.318 | 19 |
| 20 | 0.581 | 0.422 | 0.957 | 1.11 | 0.803 | 0.225 | 0.837 | 0.159 | 0.245 | 0.194 | 0.284 | 0.477 | 20 |
| 21 | 0.612 | 0.429 | 1.02 | 1.08 | 0.802 | 0.228 | 0.744 | 0.181 | 0.244 | 0.187 | 0.218 | 0.782 | 21 |
| 22 | 0.615 | 0.434 | 1.08 | 1.02 | 0.808 | 0.627 | 0.390 | 0.180 | 0.276 | 0.184 | 0.187 | 0.633 | 22 |
| 23 | 0.612 | 0.412 | 1.13 | 0.960 | 0.800 | 0.985 | 0.250 | 0.170 | 0.222 | 0.231 | 0.191 | 0.785 | 23 |
| 24 | 0.546 | 0.429 | 1.18 | 0.889 | 0.838 | 0.814 | 0.208 | 0.184 | 0.189 | 0.280 | 0.220 | 0.693 | 24 |
| 25 | 0.516 | 0.434 | 1.22 | 0.932 | 0.818 | 0.600 | 0.230 | 0.146 | 0.182 | 0.319 | 0.344 | 0.803 | 25 |
| 26 | 0.490 | 0.408 | 1.34 | 0.885 | 0.535 | 0.309 | 0.213 | 0.142 | 0.162 | 0.298 | 0.867 | 0.883 | 26 |
| 27 | 0.481 | 0.383 | 1.46 | 0.878 | 0.521 | 0.305 | 0.196 | 0.165 | 0.167 | 0.302 | 0.845 | 0.926 | 27 |
| 28 | 0.481 | 0.373 | 1.36 | 0.864 | 0.481 | 0.381 | 0.183 | 0.188 | 0.162 | 0.486 | 0.833 | 0.788 | 28 |
| 29 | 0.483 | | 1.18 | 0.879 | 0.444 | 0.314 | 0.184 | 0.186 | 0.152 | 0.373 | 0.716 | 0.864 | 29 |
| 30 | 0.529 | | 1.17 | 0.845 | 0.432 | 0.272 | 0.186 | 0.184 | 0.156 | 0.272 | 0.882 | 0.841 | 30 |
| 31 | 0.882 | | 1.48 | | 0.412A | | 0.180 | 0.156 | | 0.247 | | 0.491 | 31 |
| TOTAL | 18.887 | 13.893 | 31.087 | 44.446 | 19.477 | 11.073 | 8.515 | 5.371 | 5.440 | 5.838 | 9.187 | 18.857 | TOTAL |
| MEAN | 0.602 | 0.488 | 1.00 | 1.48 | 0.628 | 0.369 | 0.275 | 0.208 | 0.181 | 0.211 | 0.305 | 0.644 | MEAN |
| MAX | 0.736 | 0.607 | 1.48 | 3.35 | 0.818 | 0.985 | 0.744 | 0.433 | 0.388 | 0.486 | 0.892 | 0.892 | MAX |
| MIN | 0.481 | 0.373 | 0.511 | 0.845 | 0.412 | 0.225 | 0.180 | 0.142 | 0.119 | 0.147 | 0.182 | 0.337 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.524
MAXIMUM DAILY, 3.35 ON APR 6
MINIMUM DAILY, 0.119 ON SEP 7
MAXIMUM INSTANTANEOUS,
3.63 AT 10:40 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 34 35 N
LONG 80 05 35 W
DRAINAGE AREA, 44.8 km²
A - MANUAL GAUGE
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN 1 610 | | JUL | 736 |
| FEB 1 180 | | AUG | 550 |
| MAR 2 690 | | SEP | 470 |
| APR 3 840 | | OCT | 585 |
| MAY 1 680 | | NOV | 791 |
| JUN | 957 | DEC 1 | 480 |

TOTAL DISCHARGE, 16 800 dam³

## BLYTH BROOK BELOW BLYTH - STATION NO. 02FE014

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.05 | 0.4918 | 0.3288 | 2.31 | 0.305 | 0.150 | 0.126 | 0.039 | 0.079 | 0.169 | 0.731 | 3.20 | 1 |
| 2 | 1.02 | 0.4648 | 2.20 B | 2.16 | 0.286 | 0.140 | 0.122 | 1.89 | 0.092 | 0.185 | 0.585 | 2.16 | 2 |
| 3 | 0.909 | 0.4368 | 1.86 B | 2.03 | 0.281 | 0.188 | 0.133 | 1.61 | 0.084 | 0.172 | 0.720 | 1.67 | 3 |
| 4 | 0.8208 | 0.4298 | 1.61 B | 1.92 | 0.256 | 0.188 | 0.184 | 0.423 | 0.067 | 0.184 | 0.882 | 1.47 | 4 |
| 5 | 0.7508 | 0.4488 | 1.52 B | 5.66 | 0.246 | 0.167 | 0.184 | 0.309 | 0.064 | 0.138 | 0.701 | 1.24 | 5 |
| 6 | 0.7108 | 0.4388 | 1.42 B | 5.52 | 0.248 | 0.169 | 0.167 | 0.144 | 0.062 | 0.153 | 0.586 | 1.07 | 6 |
| 7 | 0.820 | 0.4188 | 2.61 B | 2.79 | 0.243 | 0.153 | 0.217 | 0.114 | 0.058 | 0.202 | 0.636 | 0.952 | 7 |
| 8 | 0.818 | 0.3988 | 4.00 B | 1.67 | 0.230 | 0.165 | 0.234 | 0.105 | 0.057 | 0.282 | 1.88 | 1.02 | 8 |
| 9 | 0.786 | 0.3728 | 7.80 B | 1.46 | 0.224 | 0.152 | 0.268 | 0.782 | 0.054 | 0.278 | 4.39 | 2.87 | 9 |
| 10 | 0.7708 | 0.3588 | 5.10 B | 1.29 | 0.213 | 0.143 | 0.220 | 0.848 | 0.054 | 0.236 | 2.16 | 2.62 | 10 |
| 11 | 0.784 | 0.3378 | 3.16 B | 1.08 | 0.231 | 0.142 | 0.189 | 0.372 | 0.110 | 0.193 | 1.34 | 1.86 | 11 |
| 12 | 0.761 | 0.3238 | 1.79 B | 1.40 | 0.217 | 0.184 | 0.162 | 0.218 | 0.125 | 0.150 | 1.02 | 2.06 | 12 |
| 13 | 0.706 | 0.3148 | 1.34 B | 1.95 | 0.188 | 0.171 | 0.161 | 0.097 | 0.091 | 0.218 | 0.642 | 2.07 | 13 |
| 14 | 0.727 | 0.3078 | 1.20 B | 1.42 | 0.315 | 0.155 | 0.230 | 0.158 | 0.091 | 0.210 | 0.858 | 1.81 | 14 |
| 15 | 0.879 | 0.2978 | 1.12 B | 1.27 | 0.584 | 0.128 | 0.214 | 0.138 | 0.087 | 0.202 | 0.941 | 1.81 | 15 |
| 16 | 1.20 | 0.2908 | 1.15 B | 1.11 | 0.328 | 0.103 | 0.171 | 0.148 | 0.087 | 0.187 | 0.802 | 2.50 | 16 |
| 17 | 1.03 B | 0.2678 | 1.24 | 0.956 | 0.258 | 0.104 | 0.167 | 0.189 | 0.076 | 0.198 | 0.809 | 1.85 | 17 |
| 18 | 0.9308 | 0.2868 | 1.71 | 0.810 | 0.258 | 0.095 | 0.122 | 0.161 | 0.085 | 0.213 | 0.852 | 1.55 | 18 |
| 19 | 0.8458 | 0.2628 | 2.66 | 0.712 | 0.276 | 0.102 | 0.136 | 0.128 | 0.110 | 0.211 | 0.7948 | 1.46 | 19 |
| 20 | 0.7588 | 0.2608 | 4.01 | 0.646 | 0.253 | 0.101 | 0.416 | 0.104 | 0.104 | 0.236 | 0.7888 | 5.88 | 20 |
| 21 | 0.6408 | 0.2798 | 5.05 | 0.537 | 0.238 | 0.102 | 0.212 | 0.088 | 0.163 | 0.281 | 0.7838 | 8.55 | 21 |
| 22 | 0.5928 | 0.2778 | 5.76 | 0.490 | 0.319 | 0.267 | 0.142 | 0.075 | 0.182 | 0.316 | 0.6108 | 3.88 | 22 |
| 23 | 0.4628 | 0.2758 | 5.93 | 0.496 | 0.202 | 0.444 | 0.103 | 0.070 | 0.145 | 0.612 | 1.24 B | 2.68 | 23 |
| 24 | 0.4648 | 0.2738 | 5.11 | 0.451 | 0.209 | 0.332 | 0.095 | 0.070 | 0.099 | 0.988 | 2.84 | 3.09 | 24 |
| 25 | 0.4788 | 0.2728 | 3.85 | 0.389 | 0.195 | 0.173 | 0.136 | 0.068 | 0.093 | 2.42 | 7.01 | 11.3 | 25 |
| 26 | 0.5188 | 0.2718 | 3.68 | 0.381 | 0.184 | 0.185 | 0.086 | 0.067 | 0.085 | 1.27 | 13.7 | 8.42 | 26 |
| 27 | 0.5028 | 0.2798 | 2.78 | 0.381 | 0.181 | 0.158 | 0.088 | 0.068 | 0.076 | 2.16 | 5.20 | 3.84 | 27 |
| 28 | 0.4888 | 0.2828 | 2.07 | 0.450 | 0.186 | 0.187 | 0.068 | 0.067 | 0.077 | 2.56 | 3.01 | 1.84 B | 28 |
| 29 | 0.4868 | | 1.73 | 0.422 | 0.168 | 0.148 | 0.037 | 0.070 | 0.086 | 1.82 | 2.80 | 1.27 B | 29 |
| 30 | 0.4778 | | 3.92 | 0.336 | 0.143 | 0.134 | 0.038 | 0.058 | 0.135 | 1.35 | 3.16 | 0.9378 | 30 |
| 31 | 0.4648 | | 3.31 | | 0.183 | | 0.036 | 0.061 | | 0.843 | | 0.8958 | 31 |
| TOTAL | 22.843 | 9.458 | 95.458 | 42.576 | 7.476 | 4.889 | 4.771 | 5.119 | 2.765 | 18.579 | 81.708 | 84.084 | TOTAL |
| MEAN | 0.730 | 0.338 | 3.08 | 1.42 | 0.241 | 0.163 | 0.154 | 0.294 | 0.092 | 0.599 | 2.06 | 2.71 | MEAN |
| MAX | 1.20 | 0.491 | 8.00 | 5.66 | 0.584 | 0.444 | 0.416 | 1.89 | 0.182 | 2.56 | 13.7 | 11.3 | MAX |
| MIN | 0.444 | 0.271 | 0.328 | 0.336 | 0.143 | 0.095 | 0.036 | 0.039 | 0.064 | 0.138 | 0.802 | 0.895 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.886
MAXIMUM DAILY, 13.7 ON NOV 26
MINIMUM DAILY, 0.036 ON JUL 31
MAXIMUM INSTANTANEOUS,
20.4 AT 01:36 EST ON NOV 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 38 N
LONG 81 27 48 W
DRAINAGE AREA 77.7 km²
B ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN 1 980 | | JUL | 412 |
| FEB 817 | | AUG | 788 |
| MAR 5 260 | | SEP | 238 |
| APR 3 890 | | OCT | 1 610 |
| MAY 846 | | NOV | 5 330 |
| JUN | 423 | DEC 7 | 280 |

TOTAL DISCHARGE, 31 400 dam³

## BOB CREEK NEAR MINDEN - STATION NO 02MF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.120 | 0.0599 | 0.0579 | 1.11 E | 0.126E | 0.038E | 0.107 | 0 | 0 | 0 E | 0.064E | 0.880E | 1 |
| 2 | 0.118 | 0.0599 | 0.0868 | 1.67 E | 0.097E | 0.035E | 0.085 | 0 | 0 | 0.003E | 0.057E | 0.795E | 2 |
| 3 | 0.1188 | 0.0808 | 0.0599 | 0.740E | 0.080E | 0.037E | 0.131 | 0.001 | 0 | 0.002E | 0.069E | 0.586E | 3 |
| 4 | 0.1148 | 0.0809 | 0.0588 | 0.488 | 0.085E | 0.043E | 0.178 | 0 | 0 | 0.001E | 0.078E | 0.423E | 4 |
| 5 | 0.109 | 0.0818 | 0.0548 | 1.01 | 0.059E | 0.038E | 0.121 | 0 | 0 | 0 E | 0.085E | 0.318E | 5 |
| 6 | 0.110 | 0.0828 | 0.0588 | 1.55 | 0.047E | 0.034E | 0.098 | 0 | 0 | 0.001E | 0.084E | 0.234E | 6 |
| 7 | 0.107 | 0.0838 | 0.0708 | 2.04 | 0.041E | 0.030E | 0.083 | 0 | 0 | 0.002E | 0.104E | 0.184E | 7 |
| 8 | 0.103 | 0.0838 | 0.0888 | 1.25 | 0.038E | 0.036E | 0.083 | 0 | 0 | 0.004E | 0.121E | 0.188E | 8 |
| 9 | 0.100 | 0.0838 | 0.1308 | 0.749 | 0.037E | 0.065E | 0.072 | 0 | 0 | 0.004E | 0.164E | 0.302E | 9 |
| 10 | 0.1008 | 0.0848 | 0.1928 | 0.486 | 0.053E | 0.099E | 0.051 | 0 | 0 | 0.001E | 0.175E | 0.685E | 10 |
| 11 | 0.1018 | 0.0838 | 0.1988 | 0.298 | 0.058E | 0.083E | 0.045 | 0 | 0 | 0 E | 0.163E | 0.785E | 11 |
| 12 | 0.103 | 0.0828 | 0.1708 | 0.318 | 0.085E | 0.064E | 0.037 | 0 | 0 | 0.001E | 0.155E | 0.745E | 12 |
| 13 | 0.105 | 0.0818 | 0.1518 | 0.173 | 0.080E | 0.051E | 0.021 | 0 | 0 | 0.001E | 0.153E | 0.700E | 13 |
| 14 | 0.107 | 0.0808 | 0.1338 | 0.138 | 0.055E | 0.041E | 0.046 | 0 | 0 | 0.001E | 0.151E | 0.656E | 14 |
| 15 | 0.0898 | 0.0598 | 0.1228 | 0.106 | 0.130E | 0.036E | 0.092 | 0 | 0 | 0 E | 0.138E | 0.443E | 15 |
| 16 | 0.0918 | 0.0578 | 0.1178 | 0.097 | 0.200E | 0.030E | 0.088 | 0 | 0 | 0 E | 0.128E | 0.477E | 16 |
| 17 | 0.0878 | 0.0588 | 0.1148 | 0.088E | 0.162E | 0.028E | 0.046 | 0 | 0 | 0.001E | 0.133E | 0.430E | 17 |
| 18 | 0.0848 | 0.0558 | 0.1158 | 0.080E | 0.113E | 0.023E | 0.022 | 0 | 0 | 0.007E | 0.167E | 0.393E | 18 |
| 19 | 0.0818 | 0.0548 | 0.1218 | 0.073E | 0.088E | 0.020E | 0.011 | 0 | 0 | 0.008E | 0.188 | 0.358E | 19 |
| 20 | 0.0798 | 0.0538 | 0.1488 | 0.087E | 0.074E | 0.017E | 0.018 | 0 | 0.001 | 0.004E | 0.130E | 0.330 | 20 |
| 21 | 0.0768 | 0.0528 | 0.2008 | 0.082E | 0.084E | 0.015E | 0.033E | 0 | 0.005 | 0.008E | 0.118E | 0.359 | 21 |
| 22 | 0.0738 | 0.0518 | 0.2718 | 0.078E | 0.088E | 0.013E | 0.057E | 0 | 0.011 | 0.008E | 0.111E | 0.356 | 22 |
| 23 | 0.0718 | 0.0518 | 0.4128 | 0.054E | 0.080E | 0.011E | 0.051 | 0 | 0.020 | 0.025E | 0.104E | 0.340 | 23 |
| 24 | 0.0688 | 0.0508 | 0.747E | 0.061E | 0.068E | 0.009E | 0.043 | 0 | 0.007 | 0.040E | 0.100E | 0.307 | 24 |
| 25 | 0.0658 | 0.0508 | 0.980E | 0.048E | 0.043E | 0.007E | 0.031 | 0 | 0.001 | 0.048E | 0.150E | 0.334 | 25 |
| 26 | 0.0648 | 0.0498 | 0.908E | 0.048E | 0.039E | 0.038 | 0.022 | 0 | 0 | 0.070E | 0.269E | 0.358 | 26 |
| 27 | 0.0638 | 0.0498 | 0.678E | 0.044E | 0.044E | 0.088 | 0.013 | 0 | 0 | 0.060E | 0.315E | 0.334 | 27 |
| 28 | 0.0628 | 0.0498 | 0.480E | 0.070E | 0.058E | 0.088 | 0.009 | 0 | 0 | 0.058E | 0.284E | 0.295 | 28 |
| 29 | 0.0618 | | 0.785E | 0.095E | 0.050E | 0.113 | 0.005 | 0 | 0.005E | 0.054E | 0.358E | 0.2488 | 29 |
| 30 | 0.0608 | | 0.710E | 0.170E | 0.048E | 0.182 | 0.003 | 0 | 0.002E | 0.074E | 0.603E | 0.2278 | 30 |
| 31 | 0.0598 | | 0.690E | | 0.041E | | 0.001 | 0 | | 0.058E | | 0.2108 | 31 |
| TOTAL | 2.758 | 1.595 | 8.794 | 13.020 | 2.178 | 1.358 | 1.706 | 0.001 | 0.052 | 0.857 | 4.915 | 13.108 | TOTAL |
| MEAN | 0.089 | 0.057 | 0.316 | 0.434 | 0.070 | 0.045 | 0.055 | 0 | 0.002 | 0.018 | 0.164 | 0.423 | MEAN |
| MAX | 0.120 | 0.084 | 0.950 | 2.04 | 0.200 | 0.152 | 0.178 | 0.001 | 0.020 | 0.074 | 0.603 | 0.880 | MAX |
| MIN | 0.059 | 0.049 | 0.054 | 0.044 | 0.037 | 0.007 | 0.001 | 0 | 0 | 0 | 0.057 | 0.184 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.140
MAXIMUM DAILY, 2.04 ON APR 7
MINIMUM DAILY, 0 ON AUG 1
MAXIMUM INSTANTANEOUS,
2.38 AT 10 27 EST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 58 07 N
LONG 78 48 07 W
DRAINAGE AREA, 21.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 238 | JUL | 148 |
| FEB | 138 | AUG | 0 09 |
| MAR | 848 | SEP | 4 45 |
| APR | 1 120 | OCT | 48 1 |
| MAY | 188 | NOV | 426 |
| JUN | 117 | DEC | 1 130 |

TOTAL DISCHARGE, 4 400 dam³

## BONNECHERE RIVER NEAR CASTLEFORD - STATION NO 02KC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.1 | 12.7 B | 13.38 | 83.2 | 46.1 | 8.97 | 8.98 | 5.20 | 3.43 | 3.00 | 3.66 | 9.52 | 1 |
| 2 | 9.98 | 12.6 B | 16.28 | 71.5 | 45.3 | 14.2 | 7.64 | 4.29 | 3.22 | 2.82 | 5.82 | 8.92 | 2 |
| 3 | 10.1 | 12.5 B | 16.28 | 60.3 | 42.6 | 12.7 | 7.14 | 5.08 | 3.36 | 3.23 | 5.21 | 8.37 | 3 |
| 4 | 8.87 | 12.4 B | 16.18 | 56.9 | 39.4 | 10.2 | 5.44 | 8.18 | 3.43 | 2.80 | 4.99 | 9.48 | 4 |
| 5 | 10.6 | 12.3 B | 16.08 | 141 | 38.0 | 8.17 | 5.37 | 8.41 | 3.58 | 4.47 | 5.52 | 8.84 | 5 |
| 6 | 10.2 | 12.0 B | 15.98 | 128 | 37.6 | 8.01 | 8.14 | 6.78 | 3.14 | 2.89 | 6.73 | 8.54 | 6 |
| 7 | 10.2 | 11.8 B | 15.88 | 106 | 29.6 | 7.83 | 8.78 | 6.87 | 1.53 | 3.06 | 4.77 | 8.44 | 7 |
| 8 | 10.0 | 11.4 B | 15.78 | 90.7 | 20.0 | 8.12 | 8.48 | 8.30 | 3.27 | 4.13 | 5.78 | 7.84 | 8 |
| 9 | 9.89 | 11.2 B | 15.88 | 82.7 | 17.5 | 8.93 | 7.85 | 5.29 | 4.10 | 4.84 | 7.88 | 8.87 | 9 |
| 10 | 10.2 | 11.0 B | 15.58 | 74.6 | 16.7 | 10.6 | 7.88 | 8.91 | 3.19 | 3.23 | 5.82 | 10.3 | 10 |
| 11 | 10.3 | 10.8 B | 15.48 | 72.3 | 15.9 | 10.7 | 8.51 | 8.24 | 2.83 | 3.18 | 5.84 | 11.2 | 11 |
| 12 | 10.7 | 10.4 B | 15.38 | 69.8 | 14.8 | 14.4 | 8.69 | 2.86 | 2.81 | 3.16 | 5.19 | 11.4 | 12 |
| 13 | 10.0 | 8.808 | 15.28 | 67.6 | 13.5 | 17.8 | 7.07 | 4.84 | 3.38 | 3.73 | 8.29 | 11.8 | 13 |
| 14 | 10.5 B | 9.908 | 15.18 | 65.2 | 11.4 | 18.1 | 8.31 | 5.34 | 5.86 | 2.78 | 8.24 | 10.8 | 14 |
| 15 | 11.5 B | 10.1 B | 15.08 | 64.1 | 8.49 | 17.7 | 8.87 | 8.32 | 4.82 | 2.88 | 8.38 | 10.7 | 15 |
| 16 | 12.4 B | 10.2 B | 14.98 | 62.3 | 10.5 | 22.2 | 8.01 | 8.71 | 4.22 | 3.34 | 8.88 | 11.7 | 16 |
| 17 | 12.8 B | 10.2 B | 14.88 | 60.8 | 9.88 | 21.7 | 8.87 | 7.34 | 8.12 | 3.38 | 8.80 | 11.4 | 17 |
| 18 | 13.0 B | 10.4 B | 14.88 | 59.4 | 8.80 | 21.8 | 8.98 | 8.04 | 4.07 | 3.38 | 8.66 | 11.8 | 18 |
| 19 | 13.2 B | 10.6 B | 14.98 | 58.0 | 9.53 | 22.1 | 8.47 | 8.24 | 4.99 | 4.03 | 8.29 | 11.4 | 19 |
| 20 | 13.3 B | 10.8 B | 15.08 | 56.8 | 8.88 | 18.2 | 8.89 | 8.88 | 3.17 | 4.83 | 7.39 | 11.2 | 20 |
| 21 | 13.3 B | 10.9 B | 16.08 | 51.8 | 7.84 | 20.8 | 8.83 | 8.84 | 3.93 | 8.05 | 8.88 | 12.4 | 21 |
| 22 | 13.3 B | 11.0 B | 18.08 | 52.7 | 8.21 | 20.4 | 4.02 | 8.70 | 8.10 | 3.13 | 8.16 | 13.0 | 22 |
| 23 | 13.3 B | 11.2 B | 35.08 | 51.8 | 7.84 | 23.8 | 8.22 | 8.08 | 4.27 | 3.08 | 8.22 | 13.3 | 23 |
| 24 | 13.2 B | 11.3 B | 40.08 | 52.0 | 8.43 | 17.4 | 8.47 | 8.24 | 3.86 | 3.48 | 8.83 | 12.1 | 24 |
| 25 | 13.1 B | 11.8 B | 53.08 | 50.1 | 7.48 | 12.0 | 8.87 | 3.83 | 3.71 | 8.05 | 7.81 | 10.7 | 25 |
| 26 | 13.1 B | 11.7 B | 85.08 | 48.3 | 8.78 | 8.32 | 7.78 | 4.27 | 3.10 | 8.88 | 7.41 | 9.88 | 26 |
| 27 | 13.0 B | 11.8 B | 70.08 | 46.8 | 8.21 | 3.88 | 8.88 | 4.37 | 2.86 | 8.81 | 8.82 | 11.3 | 27 |
| 28 | 13.0 B | 12.4 B | 63.8 | 46.3 | 8.84 | 3.44 | 8.47 | 4.13 | 3.77 | 8.00 | 7.28 | 10.7 | 28 |
| 29 | 12.8 B | | 57.2 | 46.2 | 8.81 | 7.86 | 8.77 | 3.88 | 2.44 | 4.10 | 8.82 | 10.8 | 29 |
| 30 | 12.8 B | | 58.7 | 50.8 | 7.48 | 7.89 | 8.28 | 2.88 | 3.88 | 8.47 | 8.88 | 9.27 | 30 |
| 31 | 12.8 B | | 114 | | 8.82 | | 8.30 | 8.18 | | 3.17 | | 9.88 | 31 |
| TOTAL | 361.82 | 315.00 | 909.8 | 2 031.8 | 535.04 | 407.31 | 193.85 | 187.02 | 107.88 | 118.48 | 187.91 | 326.14 | TOTAL |
| MEAN | 11.7 | 11.3 | 29.3 | 87.7 | 18.8 | 13.8 | 8.25 | 8.38 | 3.88 | 3.82 | 8.26 | 10.8 | MEAN |
| MAX | 13.3 | 12.7 | 114 | 141 | 46.1 | 23.8 | 8.14 | 8.18 | 8.88 | 8.58 | 8.88 | 13.3 | MAX |
| MIN | 8.87 | 8.80 | 13.3 | 46.8 | 4.84 | 3.44 | 4.02 | 2.88 | 1.53 | 2.13 | 3.88 | 7.84 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 141 ON APR 5
MINIMUM DAILY, 1.53 ON SEP 7
MAXIMUM INSTANTANEOUS,
166 AT 11 53 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 29 49 N
LONG 76 33 50 W
DRAINAGE AREA, 2 380 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 31 300 | JUL | 18 700 |
| FEB | 27 200 | AUG | 14 400 |
| MAR | 78 600 | SEP | 9 300 |
| APR | 176 000 | OCT | 10 200 |
| MAY | 46 400 | NOV | 16 200 |
| JUN | 35 200 | DEC | 28 200 |

TOTAL DISCHARGE, 469 000 dam³

## BOWMANVILLE CREEK AT BOWMANVILLE - STATION NO. 02HD006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.35 E | 0.890B | 6.13B | 2.48 B | 1.05 E | 0.930E | --- | --- | 0.780E | 1.29 | 0.804 | 2.08 | 1 |
| 2 | 1.29 E | 0.880B | 11.0 B | 3.13 E | 0.975E | 0.900E | --- | --- | 0.740E | 0.936 | 0.989 | 1.84 | 2 |
| 3 | 1.22 E | 0.980B | 6.40B | 3.44 E | 0.848E | 0.920E | --- | --- | 0.775E | 0.896 | 1.09 | 1.42 | 3 |
| 4 | 1.20 E | 1.20 B | 7.30B | 4.77 E | 0.840E | 0.930E | --- | --- | 0.880E | 0.833 | 1.11 | 1.33 | 4 |
| 5 | 1.18 B | 0.870B | 6.40B | 7.20 E | 0.850E | 0.920E | --- | --- | 0.765E | 0.876 | 1.00 | 1.24 | 5 |
| 6 | 1.18 B | 0.850B | 7.30B | 3.45 E | 0.890E | 0.900E | --- | --- | 0.820E | 0.819 | 0.989 | 1.03 B | 6 |
| 7 | 1.18 B | 0.840B | 9.00B | 2.54 E | 0.910E | 0.990E | --- | --- | 0.780E | 0.935 | 1.01 | 0.9478 | 7 |
| 8 | 1.18 B | 0.825B | 10.5 B | 1.95 E | 0.865E | 1.03 E | --- | --- | 1.30 E | 1.51 | 1.90 | 1.05 B | 8 |
| 9 | 1.17 B | 0.830B | 8.10B | 1.75 E | 0.840E | 0.940E | --- | --- | 1.80 E | 0.948 | 2.39 | 1.28 | 9 |
| 10 | 1.16 | 1.13 B | 1.70B | 1.85 E | 0.800E | 1.00 E | --- | --- | 0.920E | 0.909 | 1.39 | 1.81 | 10 |
| 11 | 1.20 | 0.827B | 1.40B | 1.47 E | 0.810E | 0.970E | --- | --- | 0.790E | 0.887 | 1.21 | 1.51 | 11 |
| 12 | 1.28 | 0.810B | 1.28B | 1.47 E | 0.820E | 0.980E | --- | --- | 0.789E | 0.814 | 1.18 | 1.76 | 12 |
| 13 | 1.27 | 0.805B | 1.24B | 1.88 E | 0.800E | 1.02 E | --- | --- | 0.780E | 0.877 | 1.18 | 1.82 | 13 |
| 14 | 1.19 | 0.800B | 1.23B | 1.53 E | 0.780E | 1.04 E | --- | 0.828A | 0.860E | 0.818 | 1.08 | 1.38 | 14 |
| 15 | 1.38 | 0.795B | 1.24B | 1.42 E | 1.00 E | 0.774A | --- | 0.830E | 0.780E | 0.787 | 0.972 | 1.81 | 15 |
| 16 | 1.30 B | 0.790B | 1.27B | 1.35 E | 0.890E | --- | --- | 0.880E | 0.884A | 0.780 | 1.01 | 2.51 | 16 |
| 17 | 1.22 B | 0.788B | 1.36B | 1.23 E | 0.800E | --- | --- | 0.780E | 0.780E | 0.830 | 1.11 | 1.67 B | 17 |
| 18 | 1.15 B | 0.786B | 1.60B | 1.19 E | 0.805E | --- | --- | 0.840E | 1.25 E | 0.929 | 1.41 | 1.39 B | 18 |
| 19 | 1.10 B | 0.782B | 1.95B | 1.16 E | 0.810E | --- | --- | 0.720E | 0.970E | 0.873 | 1.18 | 1.35 B | 19 |
| 20 | 1.05 B | 0.780B | 2.13E | 1.16 E | 0.840E | --- | --- | 0.880E | 1.15 E | 0.882 | 1.03 B | 3.41 | 20 |
| 21 | 1.03 B | 0.780B | 2.13E | 1.10 E | 0.838E | --- | --- | 0.880E | 1.50 E | 0.924 | 0.9588 | 3.87 | 21 |
| 22 | 1.00 B | 0.780B | 2.44E | 1.04 E | 0.850E | --- | --- | 0.780E | 1.25 E | 0.808 | 0.9898 | 2.08 | 22 |
| 23 | 0.9858 | 0.780B | 2.58E | 1.10 E | 0.878E | --- | --- | 0.800E | 0.915E | 1.75 | 1.03 B | 1.73 | 23 |
| 24 | 0.9708 | 0.780B | 2.48E | 1.11 E | 0.878E | --- | --- | 0.740E | 0.830E | 1.25 | 1.05 | 1.87 | 24 |
| 25 | 0.9808 | 0.7858 | 3.46E | 1.05 E | 0.890E | --- | --- | 0.850E | 0.780 | 1.45 | 1.39 | 3.42 | 25 |
| 26 | 0.9488 | 0.7908 | 2.81E | 0.833E | 0.830E | --- | --- | 0.570E | 0.758 | 1.10 | 2.17 | 2.38 | 26 |
| 27 | 0.9388 | 0.7958 | 2.25E | 1.02 E | 0.910E | --- | --- | 0.780E | 0.748 | 1.22 | 1.51 | 1.67 B | 27 |
| 28 | 0.9258 | 1.50 B | 2.04E | 1.29 E | 0.858E | --- | --- | 0.578E | 0.833 | 1.44 | 1.35 | 1.31 B | 28 |
| 29 | 0.9108 | | 1.74E | 1.15 E | 1.00 E | --- | --- | 0.600E | 0.884 | 1.10 | 5.79 | 1.13 B | 29 |
| 30 | 0.9008 | | 3.08B | 1.10 E | 1.02 E | --- | --- | 0.840E | 1.00 | 0.958 | 3.84 | 1.04 B | 30 |
| 31 | 0.8958 | | 3.33B | | 1.03 E | | --- | 0.880E | | 0 953 | | 1.00 B | 31 |
| TOTAL | 34.715 | 24.258 | 113.86 | 67.103 | 27.285 | --- | --- | --- | 27.387 | 31.289 | 43.891 | 53.127 | TOTAL |
| MEAN | 1 12 | 0 865 | 3.67 | 1.90 | 0.880 | --- | --- | --- | 0.913 | 1 01 | 1.48 | 1.71 | MEAN |
| MAX | 1.38 | 1 50 | 11.0 | 7.20 | 1.05 | --- | --- | --- | 1.80 | 1.75 | 5.79 | 3.87 | MAX |
| MIN | 0.895 | 0 780 | 1.23 | 0.933 | 0.780 | --- | --- | --- | 0.920 | 0.767 | 0.804 | 0.947 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 11.0B ON MAR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 16 N
LONG 78 42 09 W
DRAINAGE AREA, 82.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 000 | JUL | --- |
| FEB | 2 100 | AUG | --- |
| MAR | 9 840 | SEP | 2 370 |
| APR | 4 830 | OCT | 2 700 |
| MAY | 2 390 | NOV | 3 790 |
| JUN | --- | DEC | 4 590 |

REMARKS - REGULATION BY SMALL MILLS STATION DISCONTINUED JUN 15 1987

## BRIGHTSAND RIVER AT MOBERLEY - STATION NO. 04EB005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 38 | 4 29 | 4 12 | 3.82 | 3.93 | 5 31 | 3.17 | 3.90 | 4.51 | 4 89 | 7 33 | 5.88 | 1 |
| 2 | 5 34 | 4 31 | 4 14 | 3.78 | 3.83 | 5 36 | 3 10 | 3.78 | 4.55 | 4 86 | 7 30 | 5 89 | 2 |
| 3 | 5 32 | 4 28 | 4 16 | 3.78 | 3.85 | 5 22 | 3.08 | 3 88 | 4.59 | 5.27 | 7.25 | 5.77 | 3 |
| 4 | 5 30 | 4 23 | 4 17 | 3 75 | 3 71 | 5 28 | 3 07 | 3 49 | 4 49 | 5.34 | 7 12 | 5 72 | 4 |
| 5 | 5 26 | 4 23 | 4 16 | 3.74 | 3.87 | 5 30 | 2.97 | 3.49 | 4.31 | 5 25 | 7 00 | 5.72 | 5 |
| 6 | 5 18 | 4 21 | 4 13 | 3 74 | 3 37 | 5 38 | 2 81 | 3.35 | 4.36 | 5.30 | 7 00 | 5 72 | 6 |
| 7 | 5 16 | 4 14 | 4 14 | 3 75 | 3 37 | 5 32 | 2.70 | 3.15 | 4 41 | 5.50 | 6 95 | 5 76 | 7 |
| 8 | 5 16 | 4 15 | 4 09 | 3 78 | 3 40 | 5 18 | 2 49 | 3 14 | 4 44 | 5 66 | 6 74 | 5 83 | 8 |
| 9 | 5 11 | 4 13 | 4 06 | 3 82 | 3 13 | 5 18 | 2 42 | 2 95 | 4 46 | 5 80 | 6 85 | 5 80 | 9 |
| 10 | 5 08 | 4 15 | 4 06 | 3 82 | 3 18 | 5 17 | 2.39 | 2 95 | 4.37 | 5 05 | 6.82 | 5.57 | 10 |
| 11 | 5 08 | 4 13 | 4 03 | 3 85 | 3 84 | 5 10 | 2 24 | 2 95 | 4 47 | 5 12 | 6.61 | 5.55 | 11 |
| 12 | 5 05 | 4 14 | 4 00 | 3 86 | 3 10 | 5 89 | 2 48 | 3.35 | 4 80 | 5 18 | 6 43 | 5 84 | 12 |
| 13 | 5 03 | 4 10 | 4 01 | 3 88 | 3 05 | 5 90 | 2 88 | 3 46 | 4 89 | 5 38 | 6 33 | 5 82 | 13 |
| 14 | 4 82 | 4 15 | 3 99 | 3 89 | 2 82 | 5 84 | 2 72 | 3 53 | 4 78 | 5 27 | 6 18 | 5 87 | 14 |
| 15 | 4 85 | 4 08 | 3 97 | 3 97 | 2 90 | 5 97 | 2 89 | 3 54 | 4 81 | 5 42 | 6 14 | 5 87 | 15 |
| 16 | 4 80 | 4 03 | 3 97 | 4 08 | 2 84 | 5 43 | 2 77 | 3 88 | 4 83 | 5 49 | 5 25 | 5 80 | 16 |
| 17 | 4 73 | 4 03 | 3 91 | 4 09 | 2 78 | 5 29 | 2 51 | 3 83 | 4 77 | 5 87 | 5 27 | 5 87 | 17 |
| 18 | 4 70 | 4 11 | 3 89 | 4 18 | 2 73 | 4 84 | 2 43 | 4 17 | 4 71 | 5 87 | 5 37 | 5 88 | 18 |
| 19 | 4 65 | 4 09 | 3 85 | 4 31 | 2 73 | 4 78 | 2 75 | 4 38 | 4 82 | 5 81 | 5 33 | 5 80 | 19 |
| 20 | 4 65 | 4 15 | 3 84 | 4 14 | 2 85 | 4 81 | 3 19 | 4 50 | 4 83 | 7 07 | 5 34 | 5 55 | 20 |
| 21 | 4 57 | 4 14 | 3 82 | 4 12 | 2 80 | 4 47 | 3 29 | 4 55 | 4 83 | 7 00 | 5 37 | 5 53 | 21 |
| 22 | 4 51 | 4 11 | 3 82 | 4 31 | 3 80 | 4 30 | 3 53 | 4 60 | 4 80 | 7 07 | 5 33 | 5 51 | 22 |
| 23 | 4 45 | 4 18 | 3 87 | 4 17 | 4 31 | 4 21 | 3 80 | 4 47 | 4 45 | 7 15 | 5 25 | 5 46 | 23 |
| 24 | 4 40 | 4 18 | 3 90 | 4 24 | 4 83 | 4 04 | 3 92 | 4 47 | 4 42 | 7 20 | 5 24 | 5 35 | 24 |
| 25 | 4 37 | 4 15 | 3 91 | 4 28 | 4 84 | 3 90 | 4 03 | 4 42 | 4 37 | 7 25 | 5 23 | 5 37 | 25 |
| 26 | 4 33 | 4 15 | 3 95 | 4 21 | 5 24 | 3 87 | 4 12 | 4 45 | 4 28 | 7 13 | 5 15 | 5 37 | 26 |
| 27 | 4 33 | 4 13 | 4 02 | 3 93 | 5 55 | 3 67 | 4 18 | 4 33 | 4 17 | 7 19 | 5 13 | 5 34 | 27 |
| 28 | 4 30 | 4 14 | 3 93 | 4 17 | 5 82 | 3 48 | 4 21 | 4 27 | 4 27 | 7 26 | 5 09 | 5 26 | 28 |
| 29 | 4 30 | | 3 92 | 3 48 | 6 00 | 3 28 | 4 11 | 4 28 | 4 84 | 7 38 | 5 02 | 5 28 | 29 |
| 30 | 4 33 | | 3 88 | 4 00 | 6 01 | 3 20 | 4 01 | 4 44 | 4 89 | 7 28 | 5 98 | 5 25 | 30 |
| 31 | 4 27 | | 3 87 | | 6 09 | | 3 95 | 4 45 | | 7 36 | | 5 18 | 31 |
| TOTAL | 148 91 | 116 28 | 123 69 | 119.30 | 119 27 | 154 98 | 97 80 | 119.03 | 135 79 | 198 86 | 184.90 | 171.79 | TOTAL |
| MEAN | 4 80 | 4 15 | 3 99 | 3 98 | 3.85 | 5 17 | 3 15 | 3 87 | 4 53 | 6 41 | 5 50 | 5 54 | MEAN |
| MAX | 5 38 | 4 31 | 4 17 | 4 31 | 6 09 | 6 38 | 4 31 | 4 55 | 4 83 | 7 38 | 7 33 | 5 89 | MAX |
| MIN | 4 27 | 4 03 | 3 82 | 3 74 | 2 85 | 3 20 | 2 24 | 2 95 | 4 17 | 4 86 | 5 95 | 5 18 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.65
MAXIMUM DAILY, 7.38 ON OCT 29
MINIMUM DAILY, 2.24 ON JUL 11
MAXIMUM INSTANTANEOUS,
7.52 AT 18:06 EST ON OCT 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 25 N
LONG 90 34 19 W
DRAINAGE AREA, 1 170 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 12 900 | JUL | 8 650 |
| FEB | 10 000 | AUG | 10 400 |
| MAR | 10 700 | SEP | 11 700 |
| APR | 10 300 | OCT | 17 200 |
| MAY | 10 300 | NOV | 16 600 |
| JUN | 13 400 | DEC | 14 800 |

TOTAL DISCHARGE, 147 000 dam³

## BRONTE CREEK NEAR ZIMMERMAN · STATION NO 02HB011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.72 | 1.930 | 4.00E | 6.03 | 2.20 | 1.30 | --- | --- | --- | --- | --- | --- | 1 |
| 2 | 3.56 | 3.50E | 7.90E | 6.81 | 2.06 | 1.22 | --- | --- | --- | --- | --- | --- | 2 |
| 3 | 3.29 | 2.00E | 5.48E | 8.42 | 1.88 | 1.21 | --- | --- | --- | --- | --- | --- | 3 |
| 4 | 2.90E | 1.95E | 4.75E | 7.02 | 1.86 | 1.21 | --- | --- | --- | --- | --- | --- | 4 |
| 5 | 3.68E | 1.96E | 4.90E | 13.9 | 1.84 | 1.17 | --- | --- | --- | --- | --- | --- | 5 |
| 6 | 3.32E | 2.02E | 5.80E | 18.7 | 1.80 | 1.17 | --- | --- | --- | --- | --- | --- | 6 |
| 7 | 2.93 | 2.21E | 9.00E | 18.7 | 1.75 | 1.18 | --- | --- | --- | --- | --- | --- | 7 |
| 8 | 2.86 | 2.89E | 14.7 E | 16.3 | 1.70 | --- | --- | --- | --- | --- | --- | --- | 8 |
| 9 | 2.76 | 3.41E | 14.5 E | 12.5 | 1.85 | --- | --- | --- | --- | --- | --- | --- | 9 |
| 10 | 2.68E | 2.28E | 9.60E | 9.73 | 1.81 | --- | --- | --- | --- | --- | --- | --- | 10 |
| 11 | 2.65E | 2.14E | 8.00E | 8.07 | 1.70 | --- | --- | --- | --- | --- | --- | --- | 11 |
| 12 | 2.62 | 2.08E | 8.95E | 8.36 | 1.68 | --- | --- | --- | --- | --- | --- | --- | 12 |
| 13 | 2.66 | 1.85E | 4.85E | 10.8 | 1.57 | --- | --- | --- | --- | --- | --- | --- | 13 |
| 14 | 2.70 | 1.67E | 4.15E | 9.62 | 1.82 | --- | --- | --- | --- | --- | --- | --- | 14 |
| 15 | 3.92 | 1.58E | 3.93E | 8.70 | 2.03 | --- | --- | --- | --- | --- | --- | --- | 15 |
| 16 | 3.42E | 1.51E | 3.80E | 7.82 | 1.80 | --- | --- | --- | --- | --- | --- | --- | 16 |
| 17 | 2.84E | 1.44E | 3.74E | 7.05 | 1.63 | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | 2.67E | 1.38E | 3.78E | 6.31 | 1.62 | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | 2.53E | 1.38E | 3.83 | 5.76 | 1.66 | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | 2.36E | 1.35E | 4.05 | 5.08 | 1.84 | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | 2.18E | 1.35E | 4.17 | 4.36 | 1.80 | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | 2.02E | 1.38E | 4.26 | 3.39 | 1.59 | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | 1.87E | 1.37E | 4.34 | 3.06 | 1.81 | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | 1.74E | 1.38E | 4.23 | 2.97 | 1.73 | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | 1.64E | 1.35E | 4.37 | 2.71 | 1.81 | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | 1.55E | 1.34E | 5.15 | 2.46 | 1.83 | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | 1.48E | 1.42E | 4.94 | 2.44 | 1.83 | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | 1.43E | 1.60E | 4.66 | 2.53 | 1.96 | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | 1.38E | | 4.21 | 2.46 | 1.92 | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | 1.34E | | 4.75 | 2.29 | 1.36 | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | 1.34E | | 6.00 | | 1.33 | | --- | --- | | --- | --- | | 31 |
| TOTAL | 78.07 | 50.44 | 176.89 | 223.18 | 52.80 | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 2.52 | 1.80 | 5.70 | 7.44 | 1.70 | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 3.92 | 3.50 | 14.7 | 18.7 | 2.30 | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 1.34 | 1.34 | 3.74 | 2.29 | 1.33 | --- | --- | --- | --- | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 18.7 ON APR 6

MAXIMUM INSTANTANEOUS,
18.9 AT 23:50 EST ON APR 6

REMARKS · DISCONTINUED JUN 8 1987

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE · RECORDING
LOCATION · LAT 43 28 13 N
LONG 79 51 52 W
DRAINAGE AREA, 23.8 km²

E · ICE CONDITIONS
E · ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 750 | JUL | --- |
| FEB | 4 380 | AUG | --- |
| MAR | 15 400 | SEP | --- |
| APR | 19 300 | OCT | --- |
| MAY | 4 540 | NOV | --- |
| JUN | --- | DEC | --- |

## BURNLEY CREEK ABOVE WARKWORTH · STATION NO 02HK009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.786 | 0.484E | 0.845E | 4.12 | 1.01 | 0.516 | 0.327 | 0.313 | 0.478 | 0.551 | 0.490 | 2.37 | 1 |
| 2 | 0.747 | 0.487E | 2.53 E | 2.76 | 0.780 | 0.748 | 0.333 | 0.237 | 0.371 | 0.507 | 0.467 | 1.30 | 2 |
| 3 | 0.716E | 0.480E | 2.34 E | 2.84 | 0.705 | 0.548 | 0.401 | 0.332 | 0.338 | 0.573 | 0.488 | 0.847 | 3 |
| 4 | 0.692E | 0.487E | 2.02 E | 3.41 | 0.675 | 0.486 | 0.449 | 0.290 | 0.302 | 0.513 | 0.609 | 0.670E | 4 |
| 5 | 0.667E | 0.508E | 1.76 E | 8.34 | 0.627 | 0.434 | 0.389 | 0.282 | 0.277 | 0.457 | 0.581 | 0.520E | 5 |
| 6 | 0.718 | 0.514E | 1.52 E | 5.82 | 0.586 | 0.445 | 0.333 | 0.252 | 0.275 | 0.421 | 0.511 | 0.415E | 6 |
| 7 | 0.700 | 0.515E | 1.71 E | 4.01 | 0.575 | 0.482 | 0.337 | 0.255 | 0.284 | 0.729 | 0.484 | 0.382E | 7 |
| 8 | 0.613 | 0.509E | 2.14 E | 3.22 | 0.585 | 0.780 | 0.333 | 0.488 | 0.403 | 1.48 | 0.702E | 0.490E | 8 |
| 9 | 0.776 | 0.488E | 3.62 E | 1.80 | 0.526 | 1.56 | 0.331 | 0.569 | 1.09 | 0.584 | 1.80 E | 0.822 | 9 |
| 10 | 0.705 | 0.490E | 2.48 E | 1.36 | 0.529 | 0.800 | 0.311 | 0.423 | 0.852 | 0.847 | 1.01 | 1.09 | 10 |
| 11 | 0.708 | 0.485E | 1.53 E | 1.20 | 0.532 | 0.528 | 0.314 | 0.487 | 0.451 | 0.517 | 0.834 | 0.938 | 11 |
| 12 | 0.684 | 0.475E | 1.03 E | 1.08 | 0.582 | 0.582 | 0.308 | 0.388 | 0.484 | 0.488 | 0.845 | 0.831 | 12 |
| 13 | 0.709 | 0.470E | 0.900E | 1.07 | 0.617 | 0.684 | 0.281 | 0.308 | 0.470 | 0.452 | 0.844 | 0.839 | 13 |
| 14 | 0.713 | 0.485E | 0.905E | 1.02 | 0.687 | 0.795 | 0.429 | 0.290 | 0.418 | 0.430 | 0.913 | 0.749 | 14 |
| 15 | 0.804 | 0.482E | 0.960E | 0.988 | 0.885 | 0.689 | 0.533 | 0.273 | 0.383 | 0.393 | 0.487 | 0.618E | 15 |
| 16 | 0.770E | 0.485E | 0.895E | 0.922 | 0.632 | 0.393 | 0.401 | 0.270 | 0.353 | 0.371 | 0.463 | 0.580E | 16 |
| 17 | 0.736E | 0.481E | 1.04 E | 0.883 | 0.644 | 0.344 | 0.317 | 0.255 | 0.348 | 0.389 | 0.644 | 0.572E | 17 |
| 18 | 0.700E | 0.447E | 1.12 E | 0.858 | 0.580 | 0.337 | 0.313 | 0.264 | 0.389 | 0.441 | 1.34 | 0.580E | 18 |
| 19 | 0.688E | 0.443E | 1.38 E | 0.848 | 0.484 | 0.322 | 0.287 | 0.230 | 0.430 | 0.428 | 1.04 | 0.680E | 19 |
| 20 | 0.633E | 0.439E | 1.61 E | 0.798 | 0.455 | 0.312 | 0.235 | 0.235 | 0.603 | 0.409 | 0.884 | 0.989 | 20 |
| 21 | 0.603E | 0.436E | 1.81 | 0.732 | 0.478 | 0.289 | 0.321 | 0.234 | 0.573 | 0.413 | 0.402 | 2.02 | 21 |
| 22 | 0.575E | 0.435E | 2.40 | 0.884 | 0.852 | 0.384 | 0.293 | 0.248 | 0.633 | 0.421 | 0.385E | 1.55 | 22 |
| 23 | 0.553E | 0.432E | 2.89 | 0.851 | 0.824 | 0.474 | 0.274 | 0.257 | 0.510 | 0.642 | 0.383 | 0.970 | 23 |
| 24 | 0.536E | 0.430E | 2.56 | 0.888 | 0.677 | 0.377 | 0.283 | 0.238 | 0.425 | 0.784 | 0.472 | 0.770 | 24 |
| 25 | 0.526E | 0.428E | 2.33 | 0.831 | 0.948 | 0.330 | 0.293 | 0.219 | 0.382 | 0.857 | 0.528 | 1.21 | 25 |
| 26 | 0.510E | 0.430E | 2.51 | 0.810 | 0.529 | 0.434 | 0.288 | 0.228 | 0.381 | 0.882 | 0.731 | 1.84 | 26 |
| 27 | 0.500E | 0.433E | 2.44 | 0.808 | 0.556 | 0.533 | 0.241 | 0.239 | 0.340 | 0.588 | 0.715 | 0.880E | 27 |
| 28 | 0.493E | 0.450E | 1.88 | 1.75 | 0.543 | 0.426 | 0.152 | 0.237 | 0.538 | 0.629 | 0.822 | 0.820E | 28 |
| 29 | 0.488E | | 1.51 | 1.83 | 0.485 | 0.390 | 0.208 | 0.421 | 0.537 | 0.582 | 1.44 | 0.800E | 29 |
| 30 | 0.484E | | 2.12 | 1.41 | 0.487 | 0.384 | 0.217 | 0.375 | 0.646 | 0.587 | 3.88 | 0.400E | 30 |
| 31 | 0.481E | | 6.66 | | 0.479 | | 0.225 | 0.358 | | 0.838 | | 0.350E | 31 |
| TOTAL | 20.013 | 13.051 | 61.455 | 55.249 | 17.904 | 15.766 | 9.825 | 9.774 | 13.800 | 17.958 | 22.942 | 28.940 | TOTAL |
| MEAN | 0.645 | 0.466 | 1.98 | 1.84 | 0.578 | 0.526 | 0.317 | 0.315 | 0.460 | 0.579 | 0.765 | 0.883 | MEAN |
| MAX | 0.804 | 0.515 | 6.66 | 8.34 | 1.01 | 1.56 | 0.523 | 0.823 | 1.09 | 1.48 | 3.88 | 2.37 | MAX |
| MIN | 0.481 | 0.428 | 0.845 | 0.808 | 0.455 | 0.294 | 0.152 | 0.213 | 0.275 | 0.371 | 0.385 | 0.350 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.780
MAXIMUM DAILY, 8.34 ON APR 5
MINIMUM DAILY, 0.152 ON JUL 28
MAXIMUM INSTANTANEOUS
10.1 AT 06:50 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE · RECORDING
LOCATION · LAT 44 11 45 N
LONG 77 54 42 W
DRAINAGE AREA, 82.3 km²

E · ICE CONDITIONS
E · ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 730 | JUL | 849 |
| FEB | 1 130 | AUG | 844 |
| MAR | 5 310 | SEP | 1 190 |
| APR | 4 770 | OCT | 1 550 |
| MAY | 1 550 | NOV | 1 980 |
| JUN | 1 390 | DEC | 2 330 |

TOTAL DISCHARGE, 24 800 dam³

## BURNT RIVER NEAR BURNT RIVER - STATION NO. 02HP003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 15.2 | 8.008 | 6.858 | 71.2 | 11.2 | 8.98 | 7.36 | 9.02 | 8.55 | 7.48 | 5.96 | 25.6 | 1 |
| 2 | 15.6 | 8.058 | 7.108 | 72.7 | 10.7 | 8.61 | 7.51 | 8.84 | 8.99 | 6.85 | 5.81 | 26.3 | 2 |
| 3 | 14.7 | 8.108 | 7.858 | 67.0 | 10.2 | 8.38 | 8.84 | 9.05 | 8.61 | 6.47 | 5.88 | 25.0 | 3 |
| 4 | 13.4 | 8.258 | 7.808 | 56.8 | 9.56 | 8.35 | 7.48 | 9.30 | 7.85 | 6.08 | 6.02 | 23.6 | 4 |
| 5 | 13.1 B | 8.358 | 7.708 | 53.4 | 8.71 | 8.53 | 11.2 | 8.97 | 6.79 | 5.49 | 6.25 | 21.7 | 5 |
| 6 | 12.8 B | 8.458 | 7.858 | 54.3 | 7.82 | 8.22 | 10.7 | 8.54 | 8.20 | 5.07 | 6.49 | 20.28 | 6 |
| 7 | 12.5 B | 8.508 | 7.958 | 105 | 7.25 | 8.32 | 9.54 | 8.08 | 5.79 | 4.89 | 6.63 | 19.38 | 7 |
| 8 | 12.2 B | 8.608 | 8.808 | 106 | 6.85 | 9.05 | 8.70 | 7.73 | 5.51 | 5.31 | 6.59 | 18.3 | 8 |
| 9 | 11.9 B | 8.658 | 10.0 B | 93.7 | 9.88 | 10.6 | 8.00 | 8.03 | 5.48 | 5.35 | 7.14 | 20.7 | 9 |
| 10 | 11.6 B | 8.658 | 10.6 B | 87.1 | 13.3 | 12.8 | 7.35 | 8.33 | 5.30 | 5.69 | 6.30 | 23.4 | 10 |
| 11 | 11.2 B | 8.558 | 10.5 B | 76.9 | 13.7 | 13.5 | 7.75 | 8.11 | 4.77 | 5.27 | 6.41 | 25.9 | 11 |
| 12 | 10.9 B | 8.458 | 9.878 | 64.8 | 14.0 | 12.9 | 8.51 | 7.57 | 4.31 | 5.88 | 7.67 | 28.1 | 12 |
| 13 | 11.1 B | 8.308 | 9.708 | 53.9 | 13.7 | 11.9 | 8.35 | 7.10 | 4.27 | 5.52 | 7.80 | 28.5 | 13 |
| 14 | 11.2 B | 8.158 | 9.408 | 41.7 | 13.1 | 11.0 | 8.80 | 6.64 | 4.16 | 5.24E | 7.41 | 28.5 | 14 |
| 15 | 10.8 B | 7.958 | 9.108 | 28.2 | 12.7 | 10.2 | 9.20 | 6.33 | 4.15 | 4.85 | 7.26 | 28.1E | 15 |
| 16 | 10.4 B | 7.808 | 8.908 | 22.1 | 15.7 | 9.74 | 9.25 | 5.42 | 4.23 | 4.58 | 7.02 | 27.6 | 16 |
| 17 | 9.908 | 7.658 | 8.808 | 21.0 | 14.0 | 8.75 | 8.74 | 5.22 | 3.99 | 4.39 | 6.90 | 28.58 | 17 |
| 18 | 9.658 | 7.508 | 8.858 | 19.1 | 12.6 | 8.06 | 7.87 | 5.95 | 3.48 | 4.45 | 8.34 | 28.28 | 18 |
| 19 | 9.458 | 7.358 | 8.808 | 18.1 | 11.1 | 7.51 | 7.36 | 5.78 | 4.00 | 4.41 | 11.8 | 27.5 | 19 |
| 20 | 9.308 | 7.258 | 9.208 | 17.3 | 9.97 | 7.57 | 6.97 | 5.88 | 4.19 | 4.29 | 12.9 | 27.5 | 20 |
| 21 | 9.208 | 7.108 | 9.858 | 15.9 | 9.46 | 7.84 | 6.58 | 5.88 | 4.16 | 4.18 | 12.2 | 28.3 | 21 |
| 22 | 9.108 | 7.008 | 11.6 B | 14.4 | 9.43 | 7.38 | 6.23 | 6.11 | 4.00 | 4.07 | 10.6 | 28.4 | 22 |
| 23 | 9.008 | 6.908 | 16.6 B | 11.7 | 9.56 | 7.18 | 6.06 | 6.29 | 3.71 | 4.27 | 11.1 | 27.6 | 23 |
| 24 | 8.858 | 6.808 | 24.0 | 10.2 | 9.38 | 6.84 | 6.21 | 6.73 | 3.43 | 4.43 | 11.3 | 26.6 | 24 |
| 25 | 8.858 | 6.708 | 30.9 | 10.5 | 9.00 | 7.18 | 7.23 | 6.98 | 4.02 | 4.33 | 11.8 | 26.5 | 25 |
| 26 | 8.508 | 6.658 | 41.4 | 9.75 | 8.75 | 7.08 | 7.11 | 6.83 | 4.45 | 3.84 | 11.8 | 27.1 | 26 |
| 27 | 8.358 | 6.608 | 47.3 | 9.08 | 9.09 | 6.86 | 6.73 | 6.27 | 5.46 | 4.19 | 13.6 | 23.88 | 27 |
| 28 | 8.258 | 6.558 | 50.8 | 9.08 | 10.8 | 6.34 | 6.32 | 6.18 | 6.10 | 4.47 | 13.7 | 22.78 | 28 |
| 29 | 8.108 | | 49.6 | 10.8 | 11.2 | 6.27 | 5.95 | 6.84 | 6.21 | 5.42 | 14.8 | 21.78 | 29 |
| 30 | 8.008 | | 51.5 | 11.4 | 10.4 | 6.76 | 5.81 | 6.10 | 7.11 | 5.28 | 20.3 | 21.18 | 30 |
| 31 | 7.958 | | 56.6 | | 9.66 | | 7.84 | 6.84 | | 5.11 | | 20.88 | 31 |
| TOTAL | 331.85 | 216.66 | 575.87 | 1 308.01 | 336.66 | 282.31 | 240.13 | 219.56 | 159.37 | 170.09 | 282.08 | 777.5 | TOTAL |
| MEAN | 10.7 | 7.74 | 18.6 | 43.8 | 10.9 | 9.74 | 7.75 | 7.08 | 5.31 | 5.49 | 9.40 | 25.1 | MEAN |
| MAX | 15.2 | 8.85 | 56.6 | 106 | 13.7 | 13.5 | 11.2 | 9.30 | 8.99 | 7.48 | 20.3 | 28.5 | MAX |
| MIN | 7.95 | 6.65 | 6.65 | 9.08 | 6.65 | 6.27 | 5.81 | 5.78 | 3.48 | 4.07 | 5.81 | 18.3 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 13.4
MAXIMUM DAILY 106 ON APR 7
MINIMUM DAILY 3.48 ON SEP 18
MAXIMUM INSTANTANEOUS
113 AT 13 50 EST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 42 03 N
LONG 78 40 40 W
DRAINAGE AREA, 1 270 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 28 700 | JUL | 20 700 |
| FEB | 16 700 | AUG | 19 000 |
| MAR | 49 700 | SEP | 13 800 |
| APR | 113 000 | OCT | 14 700 |
| MAY | 29 100 | NOV | 24 400 |
| JUN | 22 700 | DEC | 67 200 |

TOTAL DISCHARGE, 422 000 dam³

## CANAGAGIGUE CREEK NEAR ELMIRA - STATION NO. 02GA023

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.01 | 0.6658 | 0.755 | 3.12 | 0.575 | 0.421 | 0.474 | 0.279 | 0.418 | 0.483 | 0.704 | 3.00E | 1 |
| 2 | 1.04 | 0.6558 | 0.898 | 2.88 | 0.537 | 0.441 | 0.480 | 1.16 | 0.420 | 0.440 | 0.698 | 2.97E | 2 |
| 3 | 0.956 | 0.6458 | 0.9108 | 2.05 | 0.515 | 0.471 | 0.881 | 0.901 | 0.414 | 0.450 | 0.604 | 2.92E | 3 |
| 4 | 0.8078 | 0.3458 | 0.9308 | 2.11 | 0.526 | 0.449 | 0.807 | 0.457 | 0.427 | 0.436 | 0.397 | 2.88E | 4 |
| 5 | 0.8078 | 0.3428 | 0.9808 | 9.04 | 0.523 | 0.459 | 0.422 | 0.385 | 0.416 | 0.450 | 0.385 | 2.82E | 5 |
| 6 | 0.8818 | 0.2588 | 1.00 B | 12.2 | 0.534 | 0.456 | 0.418 | 0.338 | 0.405 | 0.588 | 0.370 | 2.78E | 6 |
| 7 | 0.824 | 0.3058 | 1.91 | 7.02 | 0.408 | 0.486 | 0.842 | 0.394 | 0.401 | 1.15 | 0.337 | 2.68E | 7 |
| 8 | 0.857 | 0.2988 | 4.71 | 3.22 | 0.388 | 0.486 | 1.58 | 0.348 | 0.406 | 1.55 | 0.590 | 2.58E | 8 |
| 9 | 0.851 | 0.4488 | 4.90 | 1.91 | 0.404 | 0.477 | 1.38 | 1.05 | 0.408 | 1.32 | 0.845 | 2.80E | 9 |
| 10 | 0.865 | 0.8288 | 4.82 | 1.24 | 0.403 | 0.552 | 0.821 | 0.839 | 0.405 | 0.844 | 0.843 | 2.80E | 10 |
| 11 | 0.881 | 0.4328 | 3.90 | 1.08 | 0.581 | 0.885 | 0.804 | 0.499 | 0.830 | 0.487 | 3.80E | 11 | |
| 12 | 0.759 | 0.3628 | 2.55 | 1.21 | 0.624 | 0.810 | 0.807 | 0.417 | 0.436 | 0.838 | 0.484 | 2.88E | 12 |
| 13 | 0.673 | 0.3808 | 2.01 | 1.37 | 0.417 | 0.890 | 0.431 | 0.381 | 0.424 | 0.847 | 0.520 | 2.88E | 13 |
| 14 | 0.678 | 0.3758 | 1.88 | 1.19 | 0.622 | 0.581 | 1.14 | 0.388 | 0.432 | 0.822 | 0.478 | 2.81E | 14 |
| 15 | 1.10 | 0.3708 | 1.52 | 1.17 | 0.754 | 0.818 | 0.702 | 0.337 | 0.424 | 0.823 | 0.480 | 2.73E | 15 |
| 16 | 1.22 | 0.3688 | 1.57 | 1.06 | 0.509 | 0.894 | 0.814 | 0.331 | 0.453 | 0.831 | 0.430 | 2.80E | 16 |
| 17 | 0.9958 | 0.3658 | 1.52 | 1.00 | 0.441 | 0.808 | 0.441 | 0.380 | 0.568 | 0.815 | 0.432 | 1.70E | 17 |
| 18 | 0.9148 | 0.3628 | 1.78 | 0.940 | 0.452 | 0.807 | 0.430 | 0.320 | 0.585 | 0.824 | 0.488 | 2.00E | 18 |
| 19 | 0.8908 | 0.3618 | 2.71 | 0.883 | 0.437 | 0.846 | 0.477 | 0.304 | 0.527 | 0.804 | 0.399 | 2.20E | 19 |
| 20 | 0.8608 | 0.3608 | 3.73 | 0.877 | 0.487 | 0.838 | 0.841 | 0.380 | 0.459 | 0.840 | 0.378 | 2.10E | 20 |
| 21 | 0.8408 | 0.3608 | 4.80 | 0.880 | 0.431 | 0.842 | 0.473 | 0.402 | 0.855 | 0.831 | 0.353 | 2.02E | 21 |
| 22 | 0.8108 | 0.3608 | 5.40 | 0.835 | 0.427 | 1.81 | 0.388 | 0.489 | 0.831 | 0.830 | 0.323 | 1.98E | 22 |
| 23 | 0.7908 | 0.3608 | 5.53 | 0.812 | 0.398 | 1.03 | 0.361 | 0.450 | 0.808 | 0.886 | 0.345 | 1.98E | 23 |
| 24 | 0.7708 | 0.3608 | 4.68 | 0.788 | 0.393 | 0.738 | 0.844 | 0.434 | 0.858 | 0.870 | 0.347 | 1.94E | 24 |
| 25 | 0.7558 | 0.3608 | 5.94 | 0.716 | 0.398 | 0.688 | 0.803 | 0.435 | 0.843 | 0.918 | 1.27 A | 2.04E | 25 |
| 26 | 0.7408 | 0.3608 | 9.20 | 0.725 | 0.434 | 0.871 | 0.342 | 0.435 | 0.434 | 0.783 | 3.90 E | 1.98E | 26 |
| 27 | 0.7258 | 0.3608 | 7.87 | 0.742 | 0.401 | 0.889 | 0.290 | 0.439 | 0.439 | 1.15 | 1.80 E | 1.93E | 27 |
| 28 | 0.7108 | 0.3608 | 7.08 | 0.788 | 0.385 | 0.810 | 0.281 | 0.423 | 0.432 | 1.10 | 0.8208 | 1.91E | 28 |
| 29 | 0.6958 | | 4.45 | 0.759 | 0.387 | 0.806 | 0.286 | 0.408 | 0.577 | 0.905 | 1.80 E | 1.90E | 29 |
| 30 | 0.6858 | | 3.63 | 0.734 | 0.385 | 0.693 | 0.284 | 0.395 | 0.511 | 0.813 | 1.85 E | 1.90E | 30 |
| 31 | 0.6758 | | 3.55 | | 0.378 | | 0.281 | 0.410 | | 0.748 | | 1.90E | 31 |
| TOTAL | 28.545 | 11.025 | 106.531 | 82.560 | 14.705 | 18.315 | 17.937 | 14.492 | 14.304 | 22.985 | 21.913 | 74.42 | TOTAL |
| MEAN | 0.855 | 0.394 | 3.44 | 2.09 | 0.474 | 0.611 | 0.579 | 0.467 | 0.477 | 0.741 | 0.730 | 2.40 | MEAN |
| MAX | 1.22 | 0.885 | 9.20 | 12.2 | 0.754 | 1.81 | 1.58 | 1.16 | 0.885 | 1.55 | 3.90 | 3.00 | MAX |
| MIN | 0.675 | 0.242 | 0.755 | 0.716 | 0.378 | 0.421 | 0.281 | 0.279 | 0.401 | 0.436 | 0.323 | 1.70 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.11
MAXIMUM DAILY 12.2 ON APR 6
MINIMUM DAILY 0.2428 ON FEB 5
MAXIMUM INSTANTANEOUS
14.1 AT 20 30 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 34 45 N
LONG 80 30 30 W
DRAINAGE AREA, 118 km²

A MANUAL GAUGE
B ICE CONDITIONS
E ESTIMATED
REGULATED SINCE 1975

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 290 | JUL | 1 550 |
| FEB | 953 | AUG | 1 250 |
| MAR | 9 200 | SEP | 1 240 |
| APR | 5 410 | OCT | 1 550 |
| MAY | 1 270 | NOV | 1 890 |
| JUN | 1 580 | DEC | 6 430 |

TOTAL DISCHARGE, 33 100 dam³

## CANARD RIVER NEAR LUKERVILLE - STATION NO 02GH003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.10 | 0.224E | 7.62 | 4.75 | 0.104 | 1.18 | 0.463 | 0.671 | 0.685 | 0.014 | 0.863 | 4.74 | |
| 2 | 1.04 B | 0.232E | 15.3 | 4.45 | 0.122 | 4.80 | 0.315 | 0.561A | 0.450 | 0.031 | 1.30 | 5.03 | 2 |
| 3 | 1.00 B | 0.242E | 9.32 | 4.32 | 0.123 | 10.5 | 0.267 | 0.355E | 0.292 | 0.018 | 1.23 | 3.85 | 3 |
| 4 | 0.940E | 0.275E | 4.72 | 2.79 | 0.126 | 3.32 | 0.807 | 0.295E | 0.177 | 0.008 | 1.29 | 3.49 | 4 |
| 5 | 0.900E | 0.315E | 2.91 | 7.27 | 0.124 | 2.13 | 0.713 | 0.230E | 0.087 | 0.034 | 1.16 | 3.32 | 5 |
| 6 | 0.889 | 0.360E | 2.46 | 11.8 | 0.108 | 1.22 | 0.580 | 0.140E | 0.103 | 0.011 | 0.898 | 2.90 | 6 |
| 7 | 1.10 | 0.420E | 2.55 | 7.08 | 0.096 | 0.728 | 0.470 | 0.083E | 0.070 | 0.010 | 0.723 | 2.14 | 7 |
| 8 | 1.62 | 0.540E | 2.61 | 4.05 | 0.110 | 0.488 | 0.394 | 0.055E | 0.050 | 0.038 | 0.613 | 2.37 | 8 |
| 9 | 1.58 B | 0.780E | 2.18 | 2.18 | 0.107 | 0.383 | 0.261 | 0.265E | 0.035 | 0.035 | 0.605 | 4.31 | 9 |
| 10 | 1.18 B | 0.585E | 1.18 | 1.43 | 0.094 | 0.291 | 0.221 | 0.225E | 0.086 | 0.002 | 0.639 | 8.84 | 10 |
| 11 | 0.950E | 0.540E | 0.773 | 1.10 | 0.068 | 0.209 | 0.144 | 0.170E | 0.265 | 0.003 | 0.618 | 4.88 | 11 |
| 12 | 0.785E | 0.470E | 0.558 | 1.76 | 0.057 | 0.133 | 0.076 | 0.082A | 0.390 | 0.006 | 0.630 | 4.51 | 12 |
| 13 | 0.630E | 0.410E | 0.426 | 3.37 | 0.046 | 0.102 | 0.083 | 0.051A | 9.90 | 0.044 | 0.581 | 4.24 | 13 |
| 14 | 0.670E | 0.350E | 0.403 | 2.12 | 0.021 | 0.068 | 0.160 | 0.024 | 14.3 | 0.036 | 0.536 | 3.17 | 14 |
| 15 | 4.15 | 0.315E | 0.380 | 1.54 | 0.030 | 0.028 | 0.118 | 0.015 | 7.42 | 0.023 | 0.481 | 9.82 | 15 |
| 16 | 10.2 | 0.285E | 0.383 | 1.54 | 0.030 | 0.018 | 0.054 | 0.019 | 4.61 | 0.023 | 0.431 | 21.5 | 16 |
| 17 | 5.23 | 0.270E | 0.473 | 1.42 | 0.050 | 0.011 | 0.033 | 0.037 | 4.28 | 0.022 | 0.383 | 11.0 | 17 |
| 18 | 2.25 | 0.285E | 0.556 | 1.11 | 0.042 | 0.006 | 0.018 | 0.031 | 4.88 | 0.012 | 0.416 | 6.57 | 18 |
| 19 | 1.04 B | 0.340E | 0.851 | 0.787 | 0.057 | 0.003 | 0.017 | 0.038 | 3.31 | 0.056 | 0.376 | 2.31 | 19 |
| 20 | 0.720E | 0.237E | 0.617 | 0.610 | 0.052 | 0 | 0.003 | 0.025 | 2.26 | 0.034 | 0.310E | 5.45 | 20 |
| 21 | 0.550E | 0.225E | 0.537 | 0.501 | 0.074 | 0.011 | 0.013 | 0.023 | 1.44 | 0.038 | 0.270E | 9.78 | 21 |
| 22 | 0.450E | 0.270E | 0.458 | 0.427 | 0.075 | 0.147 | 0.017 | 0.383 | 0.845 | 0.054 | 0.243 | 5.75 | 22 |
| 23 | 0.365E | 0.315E | 0.437 | 0.378 | 0.085 | 0.076 | 0.009 | 0.381 | 0.507 | 0.050 | 0.236 | 2.80 | 23 |
| 24 | 0.315E | 0.365E | 0.389 | 0.333 | 0.059 | 0.060 | 0.001 | 0.150 | 0.318 | 0.089 | 0.225 | 2.08 | 24 |
| 25 | 0.270E | 0.480E | 0.334 | 0.288 | 0.049 | 0.056 | 0.001 | 0.057 | 0.204 | 0.173 | 2.63 | 5.22 | 25 |
| 26 | 0.245E | 0.600E | 0.320 | 0.219 | 0.052 | 0.188 | 0.004 | 0.263 | 0.110 | 0.105 | 12.9 | 8.07 | 26 |
| 27 | 0.225E | 1.46 B | 0.298 | 0.198 | 0.052 | 0.110 | 0.011 | 5.72 | 0.059 | 0.445 | 12.3 | 3.49 | 27 |
| 28 | 0.215E | 2.32 | 0.278 | 0.183 | 0.049 | 0.059 | 0.003 | 5.26 | 0.063 | 0.916 | 5.82 | 1.80 | 28 |
| 29 | 0.205E | | 0.288 | 0.140 | 0.046 | 0.047 | 0 | 4.10 | 0.024 | 0.821 | 5.15 | 1.31 B | 29 |
| 30 | 0.214E | | 2.72 | 0.119 | 0.158 | 0.437 | 0 | 3.42 | 0.017 | 1.08 | 5.22 | 0.912E | 30 |
| 31 | 0.219E | | 5.16 | | 2.01 | | 0.001 | 1.22 | | 0.878 | | 0.706 | 31 |
| TOTAL | 41.227 | 13.570 | 87.247 | 88.048 | 4.304 | 27.279 | 5.257 | 23.349 | 57.009 | 5.121 | 58.899 | 183.740 | TOTAL |
| MEAN | 1.33 | 0.485 | 2.17 | 2.27 | 0.139 | 0.909 | 0.170 | 0.753 | 1.90 | 0.165 | 1.96 | 4.86 | MEAN |
| MAX | 10.2 | 2.32 | 15.3 | 11.8 | 2.01 | 10.5 | 0.807 | 5.72 | 14.3 | 1.08 | 12.9 | 21.5 | MAX |
| MIN | 0.205 | 0.224 | 0.285 | 0.119 | 0.021 | 0 | 0 | 0.015 | 0.017 | 0.002 | 0.225 | 0.706 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.46
MAXIMUM DAILY 21.5 ON DEC 16
MINIMUM DAILY 0 ON JUN 20
MAXIMUM INSTANTANEOUS
25.1 AT 11:57 EST ON DEC 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 09 33 N
LONG 83 01 05 W
DRAINAGE AREA 159 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 980 | JUL | 684 |
| FEB | 1 170 | AUG | 2 020 |
| MAR | 5 810 | SEP | 4 930 |
| APR | 5 680 | OCT | 442 |
| MAY | 372 | NOV | 5 090 |
| JUN | 2 360 | DEC | 13 300 |

TOTAL DISCHARGE 45 400 dam³

## CARP RIVER NEAR KINBURN - STATION NO 02KF011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.62 B | 0.510E | 0.370E | 31.8 | 3.04 | 0.884 | 0.882 | 0.396 | 0.037 | 0.500E | 0.890E | 5.90E | 1 |
| 2 | 1.48 B | 0.495E | 0.370E | 28.4 | 2.30 | 0.884 | 0.824 | 0.345 | 0.042 | 0.500E | 0.640E | 5.35E | 2 |
| 3 | 1.36 B | 0.485E | 0.370E | 18.9 | 1.88 | 0.807 | 0.841 | 0.319 | 0.054 | 0.730E | 0.517A | 5.40E | 3 |
| 4 | 1.29 B | 0.480E | 0.370E | 14.5 | 1.52 | 0.514 | 0.521 | 0.281 | 0.068 | 0.580E | 0.550E | 4.80E | 4 |
| 5 | 1.21 B | 0.470E | 0.370E | 36.4 | 1.19 | 0.861 | 0.414 | 0.246 | 0.074 | 0.600E | 0.650E | 3.10E | 5 |
| 6 | 1.17 B | 0.465E | 0.370E | 37.6 | 1.02 | 0.720 | 0.361 | 0.232 | 0.070 | 0.520E | 0.780E | 2.80E | 6 |
| 7 | 1.10 B | 0.460E | 0.380E | 31.3 | 0.921 | 0.630 | 0.354 | 0.216 | 0.062 | 0.485E | 0.800E | 2.25E | 7 |
| 8 | 1.06 B | 0.455E | 0.480E | 22.3 | 1.44 | 0.582 | 0.329 | 0.194 | 0.079 | 0.540E | 0.820E | 2.05E | 8 |
| 9 | 1.01 B | 0.445E | 0.800E | 15.2 | 1.28 | 0.841 | 0.277 | 0.183 | 0.115 | 0.780E | 0.940E | 2.28A | 9 |
| 10 | 0.985E | 0.440E | 1.50 B | 11.3 | 0.935 | 1.56 | 0.261 | 0.171 | 0.117 | 0.780E | 1.22 E | 4.17 | 10 |
| 11 | 0.945E | 0.435E | 2.21 B | 8.34 | 0.906 | 1.34 | 0.312 | 0.141 | 0.177 | 0.740E | 1.18 E | 5.91 | 11 |
| 12 | 0.920E | 0.430E | 2.30 B | 6.16 | 0.816 | 1.34 | 0.348 | 0.136 | 0.228 | 0.700E | 1.08 E | 5.74 | 12 |
| 13 | 0.880E | 0.424E | 2.10 B | 4.92 | 0.936 | 1.65 | 0.480 | 0.109 | 0.258 | 0.640E | 1.02 E | 5.72 | 13 |
| 14 | 0.850E | 0.420E | 1.94 B | 4.17 | 0.786 | 1.50 | 0.792 | 0.122 | 0.789 | 0.600E | 0.980E | 7.02 | 14 |
| 15 | 0.825E | 0.415E | 1.84 B | 3.90 | 0.888 | 1.08 | 1.43 | 0.114 | 1.18 | 0.580E | 0.930E | 5.59 | 15 |
| 16 | 0.800E | 0.410E | 1.77 B | 3.33 | 1.23 | 0.809 | 1.29 | 0.125 | 0.845 | 0.530E | 0.840E | 3.31 | 16 |
| 17 | 0.770E | 0.405E | 1.72 B | 2.90 | 1.01 | 0.590 | 0.881 | 0.106 | 0.578 | 0.500E | 0.780E | 3.38 | 17 |
| 18 | 0.750E | 0.400E | 1.79 B | 2.50 | 0.984 | 0.388 | 0.853 | 0.080 | 0.373 | 0.480E | 1.00 E | 3.28B | 18 |
| 19 | 0.720E | 0.400E | 2.00 B | 2.15 | 0.916 | 0.288 | 0.512 | 0.071 | 0.315 | 0.460E | 1.35 E | 3.05B | 19 |
| 20 | 0.700E | 0.395E | 2.30 B | 1.85 | 0.773 | 0.267 | 0.445 | 0.081 | 0.296 | 0.458E | 1.75 E | 3.00B | 20 |
| 21 | 0.675E | 0.382E | 2.80 B | 1.61 | 0.723 | 0.230 | 0.387 | 0.087 | 0.297 | 0.545E | 1.80 E | 3.18 | 21 |
| 22 | 0.655E | 0.388E | 7.00 B | 1.46 | 0.638 | 0.201 | 0.336 | 0.047 | 0.380 | 0.750E | 1.00 E | 3.45 | 22 |
| 23 | 0.635E | 0.384E | 14.0 B | 1.29 | 0.705 | 0.186 | 0.328 | 0.044 | 0.394 | 0.700E | 0.820E | 3.35 | 23 |
| 24 | 0.620E | 0.382E | 27.0 B | 1.15 | 0.778 | 0.171 | 0.358 | 0.040 | 0.387 | 0.650E | 0.780E | 3.04 | 24 |
| 25 | 0.605E | 0.380E | 36.0 B | 1.06 | 0.743 | 0.153 | 0.937 | 0.035 | 0.500A | 0.890E | 0.770E | 3.50 | 25 |
| 26 | 0.590E | 0.377E | 48.7 | 0.938 | 0.656 | 0.143 | 1.61 | 0.035 | 0.470E | 0.740E | 0.630E | 3.80B | 26 |
| 27 | 0.575E | 0.375E | 38.9 | 0.867 | 0.663 | 0.168 | 1.38 | 0.036 | 0.430E | 0.800E | 0.800E | 3.00B | 27 |
| 28 | 0.560E | 0.372E | 32.8 | 0.931 | 0.715 | 0.185 | 1.23 | 0.031 | 0.400E | 0.900E | 0.830E | 2.40B | 28 |
| 29 | 0.550E | | 27.5 | 1.80 | 0.783 | 0.438 | 0.948 | 0.033 | 0.430E | 0.870E | 0.880E | 2.00B | 29 |
| 30 | 0.535E | | 24.5 | 2.92 | 0.832 | 0.789 | 0.705 | 0.030 | 0.480E | 0.820E | 3.40 E | 1.40B | 30 |
| 31 | 0.520E | | 30.2 | | 0.777 | | 0.514 | 0.032 | | 0.740E | | 1.20B | 31 |
| TOTAL | 28.985 | 11.889 | 318.580 | 303.946 | 32.876 | 19.617 | 20.675 | 4.071 | 9.874 | 20.085 | 30.017 | 124.99 | TOTAL |
| MEAN | 0.870 | 0.425 | 10.3 | 10.1 | 1.06 | 0.654 | 0.667 | 0.131 | 0.329 | 0.647 | 1.00 | 4.03 | MEAN |
| MAX | 1.62 | 0.510 | 48.7 | 36.4 | 3.04 | 1.65 | 1.61 | 0.396 | 1.18 | 0.900 | 3.40 | 9.74 | MAX |
| MIN | 0.520 | 0.372 | 0.370 | 0.867 | 0.638 | 0.143 | 0.261 | 0.030 | 0.037 | 0.458 | 0.517 | 1.20 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2.53
MAXIMUM DAILY 48.7 ON MAR 26
MINIMUM DAILY 0.030 ON AUG 30
MAXIMUM INSTANTANEOUS
52.6 AT 07:24 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 25 03 N
LONG 76 11 55 W
DRAINAGE AREA 289 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 330 | JUL | 1 790 |
| FEB | 1 030 | AUG | 352 |
| MAR | 27 500 | SEP | 853 |
| APR | 26 300 | OCT | 1 730 |
| MAY | 3 840 | NOV | 2 590 |
| JUN | 1 690 | DEC | 10 800 |

TOTAL DISCHARGE 79 800 dam³

## CARRICK CREEK NEAR CARLSRUHE - STATION NO 02FC011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.15 | 1.23 B | 1.058 | 5.42 | 1.26 | 0.483 | 0.497 | 0.249 | 0.382 | 0.470 | 1.24 | 5.95 | 1 |
| 2 | 2.14 | 1.24 B | 1.908 | 5.81 | 1.17 | 0.488 | 0.429 | 0.411 | 0.356 | 0.446 | 1.10 | 4.17 | 2 |
| 3 | 2.00 | 1.19 B | 2.008 | 5.50 | 1.12 | 0.622 | 0.380E | 0.567 | 0.313 | 0.380 | 1.27 | 3.17 | 3 |
| 4 | 1.97 B | 1.17 B | 3.338 | 5.42 | 1.03 | 0.587 | 0.350E | 0.361 | 0.285 | 0.324 | 1.54 | 2.77 | 4 |
| 5 | 1.93 B | 1.13 B | 3.358 | 7.41 | 0.942 | 0.563 | 0.340E | 0.312 | 0.279 | 0.382 | 1.51 | 2.44 | 5 |
| 6 | 1.80 | 1.06 B | 3.378 | 10.2 | 0.958 | 0.585 | 0.540E | 0.282 | 0.273 | 0.429 | 1.81 | 2.19 | 6 |
| 7 | 1.96 | 1.01 B | 3.388 | 7.37 | 0.893 | 0.591 | 0.700E | 0.324 | 0.274 | 0.474 | 1.73 | 1.92 | 7 |
| 8 | 1.95 | 1.02 B | 4.208 | 5.24 | 0.837 | 0.580 | 0.600E | 0.334 | 0.261 | 0.574 | 4.94 | 1.88 | 8 |
| 9 | 1.81 | 1.04 B | 5.608 | 4.27 | 0.798 | 0.490 | 0.630E | 1.02 | 0.250 | 0.505 | 8.81 | 2.56 | 9 |
| 10 | 1.93 | 0.9908 | 7.008 | 3.86 | 0.840 | 0.478 | 0.400E | 1.78 | 0.245 | 0.435 | 4.86 | 3.19 | 10 |
| 11 | 1.93 | 0.9628 | 6.04 | 3.32 | 0.782 | 0.443 | 0.330E | 0.818 | 0.284 | 0.393 | 3.04 | 2.87 | 11 |
| 12 | 1.86 | 0.9048 | 4.50 | 3.11 | 0.830 | 0.484 | 0.310E | 0.578 | 0.338 | 0.402 | 2.41 | 2.58 | 12 |
| 13 | 1.89 | 0.8988 | 3.28 | 3.15 | 0.742 | 0.474 | 0.285E | 0.487 | 0.349 | 0.385 | 2.14 | 2.50 | 13 |
| 14 | 1.91 | 0.8528 | 2.95 | 2.87 | 0.722 | 0.380 | 0.500E | 0.793 | 0.311 | 0.381 | 1.92 | 2.31 | 14 |
| 15 | 2.14 | 0.8808 | 2.83 | 2.83 | 0.747 | 0.338 | 0.541E | 1.13 | 0.263 | 0.338 | 1.82 | 2.22 | 15 |
| 16 | 2.35 B | 0.8788 | 2.78 | 2.71 | 0.708 | 0.331 | 0.480E | 0.609 | 0.286 | 0.338 | 1.54 | 2.18 | 16 |
| 17 | 2.04 B | 0.8638 | 2.78 | 2.48 | 0.672 | 0.307 | 0.360E | 0.588 | 0.389 | 0.341 | 1.46 | 1.828 | 17 |
| 18 | 1.83 B | 0.8458 | 3.10E | 2.24 | 0.655 | 0.307 | 0.330E | 0.499 | 0.913 | 0.425 | 1.70 | 1.778 | 18 |
| 19 | 1.81 B | 0.8228 | 4.20E | 2.09 | 0.695 | 0.307 | 0.310E | 0.442 | 0.938 | 0.482 | 1.68 | 1.738 | 19 |
| 20 | 1.38 B | 0.8068 | 5.28A | 1.82 | 0.872 | 0.274 | 0.900E | 0.393 | 0.840 | 0.515 | 1.95 | 3.48 | 20 |
| 21 | 1.22 B | 0.7948 | 6.59 | 1.78 | 0.734 | 0.272 | 1.00 E | 0.358 | 0.863 | 0.583 | 1.508 | 5.40 | 21 |
| 22 | 1.09 B | 0.7668 | 8.09 | 1.65 | 0.701 | 1.45 | 0.423A | 0.370 | 0.584 | 0.880 | 1.528 | 4.28 | 22 |
| 23 | 0.8828 | 0.7438 | 9.10 | 1.84 | 0.625 | 2.87 | 0.367 | 0.314 | 0.485 | 1.18 | 1.61 | 3.28 | 23 |
| 24 | 0.8338 | 0.7398 | 10.8 E | 1.65 | 0.609 | 1.10 | 0.374 | 0.298 | 0.403 | 1.30 | 2.20 | 2.84 | 24 |
| 25 | 0.7928 | 0.7228 | 12.5 E | 1.46 | 0.821 | 0.737 | 0.782 | 0.284 | 0.350 | 2.35 | 2.26 | 7.49 | 25 |
| 26 | 0.7788 | 0.7118 | 14.1 | 1.40 | 0.821 | 0.622 | 0.545 | 0.288 | 0.331 | 1.57 | 2.83 | 7.80 | 26 |
| 27 | 0.7688 | 0.7388 | 9.82 | 1.38 | 0.826 | 0.584 | 0.394 | 0.289 | 0.317 | 1.88 | 3.01 | 4.56 | 27 |
| 28 | 0.8308 | 0.7808 | 7.08 | 1.88 | 0.558 | 0.487 | 0.330 | 0.278 | 0.331 | 2.47 | 2.93 | 3.30 | 28 |
| 29 | 1.01 B | | 5.77 | 1.71 | 0.521 | 0.435 | 0.295 | 0.288 | 0.311 | 1.89 | 7.47 | 2.41P | 29 |
| 30 | 1.20 B | | 4.20 | 1.47 | 0.486 | 0.832 | 0.278 | 0.284 | 0.413 | 1.81 | 8.48 | 2.268 | 30 |
| 31 | 1.22 B | | 3.54 | | 0.548 | | 0.272 | 0.383 | | 1.49 | | 2.178 | 31 |
| TOTAL | 49.433 | 25.822 | 174.82 | 103.71 | 23.952 | 18.295 | 14.463 | 15.485 | 11.781 | 28.808 | 82.07 | 99.94 | TOTAL |
| MEAN | 1.59 | 0.922 | 5.63 | 3.46 | 0.773 | 0.610 | 0.467 | 0.499 | 0.392 | 0.833 | 2.74 | 3.22 | MEAN |
| MAX | 2.35 | 1.24 | 14.1 | 10.2 | 1.28 | 2.87 | 1.00 | 1.78 | 0.935 | 2.47 | 8.81 | 7.80 | MAX |
| MIN | 0.788 | 0.711 | 1.05 | 1.38 | 0.486 | 0.272 | 0.272 | 0.248 | 0.245 | 0.324 | 1.10 | 1.73 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.77
MAXIMUM DAILY 14.1 ON MAR 26
MINIMUM DAILY 0.245 ON SEP 10
MAXIMUM INSTANTANEOUS
15.9 AT 12:50 EST ON MAR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 06 47 N
LONG 81 01 12 W
DRAINAGE AREA 183 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 270 | JUL | 1 250 |
| FEB | 2 230 | AUG | 1 340 |
| MAR | 15 100 | SEP | 1 020 |
| APR | 8 960 | OCT | 2 200 |
| MAY | 2 070 | NOV | 7 080 |
| JUN | 1 580 | DEC | 8 630 |

TOTAL DISCHARGE, 55 700 dam³

## CASTOR RIVER AT RUSSELL - STATION NO 02LB006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.00 B | 0.8928 | 0.8388 | 26.4 | 4.04 | 1.20 | 0.885 | 1.20 | 0.240 | 1.83 | 2.63 | 30.9 | 1 |
| 2 | 3.33 B | 0.8758 | 0.8308 | 16.9 | 3.26 | 1.19 | 0.629 | 1.04 | 0.284 | 1.74 | 2.34 | 22.5 | 2 |
| 3 | 2.81 B | 0.8638 | 0.8228 | 13.1 | 2.79 | 1.26 | 0.573 | 1.03 | 0.227 | 1.49 | 2.28 | 16.8 | 3 |
| 4 | 2.50 B | 0.8538 | 0.8218 | 18.7 | 2.31 | 1.29 | 0.574 | 1.17 | 0.207 | 1.38 | 2.47 | 12.8 | 4 |
| 5 | 2.25 B | 0.8488 | 0.8208 | 70.6 | 2.12 | 1.30 | 0.584 | 1.01 | 0.185 | 1.28 | 2.73 | 9.84 | 5 |
| 6 | 2.04 B | 0.8288 | 0.8358 | 43.3 | 1.96 | 1.18 | 0.578 | 0.788 | 0.153 | 1.18 | 3.00 | 7.208 | 6 |
| 7 | 1.90 B | 0.8208 | 1.07 B | 26.8 | 1.87 | 1.10 | 0.484 | 0.688 | 0.146 | 1.30 | 2.85 | 5.898 | 7 |
| 8 | 1.80 B | 0.8008 | 1.38 B | 17.4 | 1.76 | 1.51 | 0.406 | 0.641 | 0.185 | 2.31 | 2.45 | 5.118 | 8 |
| 9 | 1.70 B | 0.7908 | 1.83 B | 12.9 | 1.87 | 5.84 | 0.352 | 0.851 | 0.272 | 3.28 | 3.83 | 5.07 | 9 |
| 10 | 1.60 B | 0.7788 | 2.91 B | 9.96 | 1.48 | 5.76 | 0.333 | 0.526 | 0.344 | 2.88 | 5.70 | 18.1 | 10 |
| 11 | 1.54 B | 0.7728 | 3.40 B | 7.84 | 1.49 | 3.86 | 0.384 | 0.458 | 0.403 | 2.06 | 4.23 | 29.1 | 11 |
| 12 | 1.48 B | 0.7508 | 3.15 B | 6.65 | 1.89 | 2.83 | 0.400 | 0.427 | 0.930 | 1.89 | 3.40 | 20.5 | 12 |
| 13 | 1.42 B | 0.7398 | 2.93 B | 5.73 | 1.84 | 3.32 | 0.613 | 0.383 | 3.84 | 1.52 | 2.92 | 15.0 | 13 |
| 14 | 1.37 B | 0.7288 | 2.73 B | 5.24 | 1.51 | 2.84 | 0.881 | 0.380 | 8.77 | 1.45 | 2.80 | 14.1 | 14 |
| 15 | 1.32 B | 0.7158 | 2.51 B | 4.47 | 1.46 | 2.21 | 1.47 | 0.422 | 5.02 | 1.28 | 2.74 | 11.6 | 15 |
| 16 | 1.28 B | 0.7078 | 2.39 B | 4.07 | 1.85 | 1.68 | 1.74 | 0.368 | 2.72 | 1.30 | 2.45 | 9.12 | 16 |
| 17 | 1.23 B | 0.7008 | 2.24 B | 3.87 | 1.87 | 1.33 | 1.09 | 0.310 | 1.82 | 1.27 | 2.30 | 7.83 | 17 |
| 18 | 1.20 B | 0.6908 | 2.20 B | 3.61 | 1.77 | 1.12 | 0.789 | 0.291 | 1.37 | 1.18 | 3.27 | 7.008 | 18 |
| 19 | 1.17 B | 0.6808 | 2.22 B | 3.21 | 1.70 | 0.955 | 0.607 | 0.348 | 1.07 | 1.12 | 5.44 | 6.348 | 19 |
| 20 | 1.14 B | 0.6728 | 2.33 B | 2.88 | 1.44 | 0.814 | 0.515 | 0.263 | 1.09 | 1.12 | 4.75 | 5.758 | 20 |
| 21 | 1.11 B | 0.6618 | 3.50 B | 2.59 | 1.27 | 0.728 | 0.583 | 0.209 | 1.58 | 1.17 | 2.97 | 7.87 | 21 |
| 22 | 1.09 B | 0.6538 | 5.80 B | 2.28 | 1.22 | 0.636 | 0.518 | 0.203 | 2.59 | 1.26 | 3.18 | 9.22 | 22 |
| 23 | 1.06 B | 0.6458 | 33.9 B | 2.21 | 1.26 | 0.548 | 0.517 | 0.195 | 2.32 | 1.32 | 2.10 | 8.52 | 23 |
| 24 | 1.04 B | 0.6408 | 84.4 B | 2.58 | 1.36 | 0.477 | 0.908 | 0.180 | 1.84 | 1.58 | 1.89 | 7.50 | 24 |
| 25 | 1.01 B | 0.6308 | 118 B | 3.04 | 1.45 | 0.396 | 4.65 | 0.172 | 1.54 | 2.30 | 2.08 | 8.78 | 25 |
| 26 | 0.9958 | 0.6228 | 108 B | 2.66 | 1.39 | 0.388 | 12.1 | 0.171 | 1.38 | 3.09 | 1.82 | 13.5 | 26 |
| 27 | 0.9808 | 0.6138 | 72.1 | 2.29 | 1.28 | 0.443 | 10.5 | 0.181 | 1.13 | 2.65 | 2.138 | 8.988 | 27 |
| 28 | 0.9608 | 0.6088 | 48.0 | 2.23 | 1.36 | 0.455 | 6.93 | 0.166 | 1.04 | 2.52 | 2.228 | 7.518 | 28 |
| 29 | 0.9388 | | 36.3 | 3.18 | 1.56 | 0.521 | 4.13 | 0.275 | 1.01 | 2.83 | 2.80 | 5.838 | 29 |
| 30 | 0.9228 | | 31.0 | 4.04 | 1.80 | 0.550 | 3.18 | 0.234 | 1.26 | 2.80 | 23.2 | 4.628 | 30 |
| 31 | 0.9108 | | 32.8 | | 1.43 | | 1.56 | 0.232 | | 2.80 | | 4.008 | 31 |
| TOTAL | 48.195 | 20.572 | 611.086 | 330.53 | 54.65 | 47.802 | 58.103 | 14.500 | 44.910 | 56.37 | 108.78 | 346.96 | TOTAL |
| MEAN | 1.55 | 0.735 | 19.7 | 11.0 | 1.76 | 1.59 | 1.87 | 0.468 | 1.50 | 1.82 | 3.63 | 11.2 | MEAN |
| MAX | 4.00 | 0.892 | 118 | 70.5 | 4.04 | 5.84 | 12.1 | 1.20 | 8.77 | 3.28 | 23.2 | 30.8 | MAX |
| MIN | 0.910 | 0.608 | 0.820 | 2.21 | 1.22 | 0.388 | 0.333 | 0.161 | 0.146 | 1.12 | 1.82 | 4.00 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 4.77
MAXIMUM DAILY 118B ON MAR 25
MINIMUM DAILY 0.146 ON SEP 7
MAXIMUM INSTANTANEOUS
129 AT 01:40 EST ON MAR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 43 N
LONG 75 20 40 W
DRAINAGE AREA 433 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 150 | JUL | 5 020 |
| FEB | 1 780 | AUG | 1 250 |
| MAR | 52 800 | SEP | 3 880 |
| APR | 28 600 | OCT | 4 870 |
| MAY | 4 720 | NOV | 9 400 |
| JUN | 4 130 | DEC | 30 000 |

TOTAL DISCHARGE, 151 000 dam³

## CAT RIVER BELOW WESLEYAN LAKE - STATION NO 04GA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 40.8 | 33.2 | 28.0 | 23.9 | 47.5 | 63.7 | 52.9 | 38.7 | 26.2 | 15.7 | 11.6 | 11.2 | 1 |
| 2 | 40.5 | 33.1 | 27.9 | 23.8 | 47.8 | 64.5 | 52.5 | 38.4 | 25.6 | 15.3 | 11.8 | 11.2 | 2 |
| 3 | 40.3 | 32.9 | 28.1 | 23.5 | 48.1 | 64.9 | 52.5 | 38.5 | 24.9 | 15.3 | 12.0 | 11.1 | 3 |
| 4 | 40.1 | 32.6 | 27.7 | 23.5 | 48.3 | 64.9 | 52.4 | 37.7 | 24.4 | 15.3 | 11.9 | 11.0 | 4 |
| 5 | 39.6 | 32.0 | 27.3 | 23.4 | 48.1 | 64.8 | 52.1 | 37.1 | 24.1 | 15.2 | 11.7 | 11.0 | 5 |
| 6 | 39.6 | 32.0 | 27.3 | 23.3 | 48.7 | 64.5 | 51.2 | 36.7 | 23.8 | 15.1 | 11.6 | 10.9 | 6 |
| 7 | 39.3 | 32.1 | 27.2 | 23.3 | 48.8 | 64.8 | 51.0 | 36.4 | 23.1 | 15.0 | 11.5 | 10.9 | 7 |
| 8 | 39.1 | 32.0 | 26.7 | 23.3 | 50.5 | 64.2 | 50.1 | 35.9 | 23.1 | 14.8 | 11.5 | 10.9 | 8 |
| 9 | 38.8 | 31.9 | 26.5 | 23.8 | 51.0 | 63.9 | 49.6 | 35.6 | 23.0 | 14.4 | 11.5 | 10.9 | 9 |
| 10 | 38.6 | 31.9 | 26.3 | 24.4 | 51.1 | 63.7 | 49.0 | 35.0 | 22.8 | 14.3 | 11.5 | 10.9 | 10 |
| 11 | 38.2 | 31.6 | 26.2 | 25.2 | 51.3 | 63.5 | 48.7 | 34.7 | 22.3 | 14.1 | 11.5 | 10.8 | 11 |
| 12 | 38.1 | 31.4 | 25.8 | 26.0 | 51.6 | 63.2 | 48.3 | 35.1 | 21.8 | 13.9 | 11.5 | 10.9 | 12 |
| 13 | 37.9 | 31.3 | 25.7 | 27.5 | 52.2 | 63.0 | 48.2 | 34.6 | 21.6 | 13.7 | 11.5 | 11.0 | 13 |
| 14 | 37.4 | 31.1 | 25.5 | 28.5 | 54.1 | 63.5 | 48.3 | 34.4 | 21.3 | 13.6 | 11.4 | 11.1 | 14 |
| 15 | 37.2 | 30.9 | 25.3 | 29.8 | 54.8 | 63.2 | 48.2 | 33.7 | 21.1 | 13.3 | 11.4 | 10.9 | 15 |
| 16 | 36.6 | 30.8 | 25.2 | 31.2 | 55.6 | 63.0 | 47.5 | 33.5 | 20.7 | 12.9 | 11.3 | 11.0 | 16 |
| 17 | 36.5 | 30.6 | 24.9 | 33.0 | 56.3 | 62.8 | 47.2 | 33.3 | 20.4 | 12.7 | 11.5 | 11.0 | 17 |
| 18 | 36.3 | 30.3 | 24.7 | 34.7 | 56.3 | 62.4 | 46.8 | 32.8 | 20.0 | 12.5 | 11.6 | 11.0 | 18 |
| 19 | 36.0 | 30.1 | 24.2 | 36.6 | 56.2 | 61.8 | 46.0 | 32.5 | 19.7 | 12.5 | 11.4 | 11.0 | 19 |
| 20 | 35.7 | 30.0 | 24.0 | 38.5 | 56.7 | 61.2 | 46.3 | 32.0 | 19.4 | 12.6 | 11.4 | 11.0 | 20 |
| 21 | 35.5 | 29.8 | 23.8 | 39.2 | 56.6 | 60.4 | 46.4 | 31.6 | 19.2 | 12.8 | 11.5 | 11.0 | 21 |
| 22 | 35.1 | 29.5 | 23.6 | 40.6 | 56.3 | 59.8 | 46.1 | 31.1 | 18.9 | 12.4 | 11.5 | 10.9 | 22 |
| 23 | 34.9 | 29.3 | 23.5 | 42.0 | 56.9 | 58.7 | 45.6 | 30.5 | 18.3 | 12.1 | 11.5 | 11.0 | 23 |
| 24 | 34.8 | 29.9 | 23.3 | 42.7 | 58.4 | 58.0 | 45.1 | 29.9 | 18.0 | 12.1 | 11.5 | 11.0 | 24 |
| 25 | 34.8 | 29.0 | 23.4 | 43.2 | 58.8 | 57.1 | 44.4 | 29.4 | 17.6 | 12.0 | 11.5 | 10.9 | 25 |
| 26 | 34.4 | 28.8 | 23.5 | 44.4 | 61.0 | 56.8 | 43.5 | 29.0 | 17.3 | 12.1 | 11.4 | 10.9 | 26 |
| 27 | 34.3 | 28.6 | 23.5 | 46.3 | 61.6 | 58.1 | 43.2 | 28.5 | 17.0 | 12.2 | 11.5 | 10.7 | 27 |
| 28 | 34.1 | 28.3 | 23.8 | 46.8 | 62.2 | 54.9 | 42.8 | 28.0 | 16.8 | 12.2 | 11.4 | 10.7 | 28 |
| 29 | 33.8 | | 23.6 | 47.1 | 63.3 | 54.2 | 42.2 | 27.3 | 16.4 | 12.1 | 11.4 | 10.7 | 29 |
| 30 | 33.7 | | 23.7 | 47.5 | 63.6 | 53.6 | 41.1 | 27.1 | 16.0 | 12.0 | 11.4 | 10.8 | 30 |
| 31 | 33.6 | | 23.7 | | 63.5 | | 40.3 | 26.7 | | 12.0 | | 10.9 | 31 |
| TOTAL | 1 145.4 | 883.8 | 783.9 | 988.7 | 1 712.3 | 1 840.4 | 1 469.2 | 1 027.8 | 624.4 | 415.8 | 346.0 | 339.2 | TOTAL |
| MEAN | 36.9 | 30.9 | 25.3 | 32.9 | 55.2 | 61.3 | 47.4 | 33.2 | 20.8 | 13.4 | 11.5 | 10.9 | MEAN |
| MAX | 40.8 | 33.2 | 28.1 | 47.5 | 63.6 | 64.9 | 52.9 | 38.7 | 26.2 | 15.7 | 12.0 | 11.2 | MAX |
| MIN | 33.5 | 28.3 | 23.3 | 23.3 | 47.5 | 53.6 | 40.3 | 26.7 | 16.0 | 12.0 | 11.3 | 10.7 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.7
MAXIMUM DAILY, 64.9 ON JUN 3
MINIMUM DAILY, 10.7 ON DEC 27
MAXIMUM INSTANTANEOUS,
65.3 AT 14:40 EST ON JUN 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 10 00 N
LONG 91 35 50 W
DRAINAGE AREA, 5 390 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 88 000 | JUL | 127 000 |
| FEB | 74 400 | AUG | 88 800 |
| MAR | 67 700 | SEP | 53 900 |
| APR | 85 300 | OCT | 35 900 |
| MAY | 148 000 | NOV | 29 900 |
| JUN | 159 000 | DEC | 29 300 |

TOTAL DISCHARGE, 998 000 dam³

## CATARAQUI RIVER AT CHAFFEYS LOCKS - STATION NO 02MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.86 | 7.38 | 7.13 | 3.71 | 9.65 | --- | --- | --- | --- | --- | 1.86 | 6.21 | 1 |
| 2 | 8.89 | 8.86 | 7.33 | 4.41 | 8.19 | --- | --- | --- | --- | --- | 1.85 | 7.48 | 2 |
| 3 | 9.04 | 11.2 | 7.18 | 4.89 | 3.82 | --- | --- | --- | --- | --- | 1.87 | 8.05 | 3 |
| 4 | 9.18 | 11.2 | 6.98 | 5.39 | 1.31 | --- | --- | --- | --- | --- | 2.99 | 7.75 | 4 |
| 5 | 9.34 | 10.7 | 6.88 | 6.51 | 4.84 | --- | --- | --- | --- | --- | 4.99 | 7.97 | 5 |
| 6 | 9.39 | 8.89 | 6.83 | 11.8 | 9.96 | --- | --- | --- | --- | --- | 6.65 | 8.04 | 6 |
| 7 | 11.8 | 7.45 | 6.57 | 18.1 | 11.3 | --- | --- | --- | --- | --- | 6.48 | 8.49 | 7 |
| 8 | 13.7 | 7.18 | 6.78 | 19.2 | 7.43 | --- | --- | --- | --- | --- | 4.11 | 4.20 | 8 |
| 9 | 9.76 | 7.54 | 7.01 | 16.8 | 1.43 | --- | --- | --- | --- | --- | 1.09 | 4.20 | 9 |
| 10 | 7.09 | 7.31 | 7.16 | 15.8 | 1.42 | --- | --- | --- | --- | --- | 2.04 | 4.37 | 10 |
| 11 | 7.23 | 7.30 | 7.12 | 15.3 | 3.19 | --- | --- | --- | --- | --- | 3.99 | 4.48 | 11 |
| 12 | 11.2 | 7.03 | 6.92 | 15.3 | 8.47 | --- | --- | --- | --- | --- | 2.94 | 4.56 | 12 |
| 13 | 13.7 | 6.96 | 6.81 | 15.2 | 8.91 | --- | --- | --- | --- | --- | 2.83 | 4.62 | 13 |
| 14 | 13.7 | 6.85 | 6.53 | 12.1 | 3.37 | --- | --- | --- | --- | --- | 2.80 | 6.66 | 14 |
| 15 | 13.6 | 6.60 | 6.24 | 10.6 | --- | --- | --- | --- | --- | 4.17 | 2.71 | 7.89 | 15 |
| 16 | 12.8 | 7.94 | 6.03 | 8.78 | --- | --- | --- | --- | --- | 2.85 | 4.79 | 7.93 | 16 |
| 17 | 11.0 | 10.8 | 5.91 | 7.12 | --- | --- | --- | --- | --- | 1.87 | 6.00 | 7.98 | 17 |
| 18 | 11.1 | 12.4 | 4.19 | 8.18 | --- | --- | --- | --- | --- | 1.88 | 6.23 | 8.20 | 18 |
| 19 | 11.0 | 13.5 | 2.87 | 9.01 | --- | --- | --- | --- | --- | 3.18 | 4.14 | 8.41 | 19 |
| 20 | 10.2 | 13.2 | 1.76 | 9.16 | --- | --- | --- | --- | --- | 5.57 | 2.70 | 11.5 | 20 |
| 21 | 10.1 | 12.9 | 0.404 | 5.73 | --- | --- | --- | --- | --- | 6.07 | 2.69 | 11.2 | 21 |
| 22 | 8.87 | 13.5 | 0.533 | 4.39 | --- | --- | --- | --- | --- | 3.92 | 2.59 | 9.89 | 22 |
| 23 | 10.2 | 12.0 | 0.784 | 4.29 | --- | --- | --- | --- | --- | 3.07 | 3.65 | 9.89 | 23 |
| 24 | 10.1 | 9.57 | 1.09 | 5.14 | --- | --- | --- | --- | --- | 2.03 | 4.73 | 6.06 | 24 |
| 25 | 9.53 | 7.18 | 1.41 | 6.20 | --- | --- | --- | --- | --- | 1.99 | 4.74 | 3.81 | 25 |
| 26 | 10.5 | 7.36 | 0.874 | 6.24 | --- | --- | --- | --- | --- | 2.02 | 4.96 | 3.84 | 26 |
| 27 | 11.2 | 7.34 | 0.363 | 5.86 | --- | --- | --- | --- | --- | 1.93 | 4.80 | 3.79 | 27 |
| 28 | 11.9 | 7.08 | 0.375 | 5.91 | --- | --- | --- | --- | --- | 1.95 | 4.77 | 3.81 | 28 |
| 29 | 11.8 | | 0.437 | 6.51 | --- | --- | --- | --- | --- | 1.84 | 4.87 | 6.57 | 29 |
| 30 | 10.1 | | 1.70 | 10.5 | --- | --- | --- | --- | --- | 1.91 | 5.66 | 8.21 | 30 |
| 31 | 7.55 | | 3.11 | | --- | | --- | --- | | 1.90 | | 5.37 | 31 |
| TOTAL | 325.81 | 256.78 | 135.090 | 277.93 | --- | --- | --- | --- | --- | --- | 115.52 | 209.56 | TOTAL |
| MEAN | 10.5 | 9.17 | 4.36 | 9.25 | --- | --- | --- | --- | --- | --- | 3.85 | 6.76 | MEAN |
| MAX | 13.7 | 13.5 | 7.33 | 19.2 | --- | --- | --- | --- | --- | --- | 6.65 | 11.5 | MAX |
| MIN | 7.09 | 6.60 | 0.363 | 3.71 | --- | --- | --- | --- | --- | --- | 1.09 | 3.79 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 19.2 ON APR 8

MAXIMUM INSTANTANEOUS,
20.7 AT 10:27 EST ON APR 21

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 34 43 N
LONG 76 19 13 W
DRAINAGE AREA, 384 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 28 100 | JUL | --- |
| FEB | 22 200 | AUG | --- |
| MAR | 11 700 | SEP | --- |
| APR | 24 000 | OCT | --- |
| MAY | --- | NOV | 8 980 |
| JUN | --- | DEC | 18 100 |

REMARKS - SEASONAL OPERATION (MID-OCT TO MID-MAY)

## CATFISH CREEK AT AYLMER - STATION NO. 02GC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 21 | 0 439 | 7 09 | 3 89 | 0 893 | 9.231 | 0 142 | 0 | 0 029 | 0.086 | 0 192 | 1 63 | 1 |
| 2 | 1 15 | 0 4158 | 10 5 | 7 23 | 0 419 | 0 280 | 0 155 | 0 148 | 0 023 | 0.078 | 0 188 | 1 15 | 2 |
| 3 | 1 02 | 0 4058 | 3 86 | 7 13 | 0 396 | 0 243 | 0 129 | 0 156 | 0 014 | 0 118 | 0 212 | 0.910 | 3 |
| 4 | 0.944 | 0 3978 | 1.80 B | 6.44 | 0 378 | 0 188 | 0 114 | 0 045 | 0 013 | 0 120 | 0 199 | 0.631 | 4 |
| 5 | 0.822 | 0.3908 | 1 83 B | 16.3 | 0.357 | 0.158 | 0 098 | 0.004 | 0 023 | 0.093 | 0.221 | 0 727 | 5 |
| 6 | 0 787 | 0.3858 | 3.17 | 12.0 | 0.345 | 0 158 | 0 096 | 0 002 | 0 028 | 0 112 | 0 226 | 0 693 | 6 |
| 7 | 0 677 | 0.3808 | 5.57 | 6.18 | 0 346 | 0 147 | 0 087 | 0.001 | 0 044 | 0 118 | 0 255 | 0 675 | 7 |
| 8 | 0 986 | 0.3758 | 7.57 | 3.34 | 0 330 | 0 144 | 0 085 | 0.001 | 0 054 | 0 122 | 0 315 | 0 680 | 8 |
| 9 | 0 892 | 0.3908 | 5.57 | 3.27 | 0 334 | 0 136 | 0 073 | 0 441 | 0 057 | 0.120E | 0.504 | 2.15 | 9 |
| 10 | 0 897 | 0.3708 | 2.10 B | 1.71 | 0.345 | 0.121 | 0.068 | 0.378 | 0.070 | 0.180E | 0.490 | 2.45 | 10 |
| 11 | 0.914 | 0.3858 | 1.40 B | 1.34 | 0.347 | 0.148 | 0.068 | 0.127 | 0.073 | 0.180E | 0.386 | 1.42 | 11 |
| 12 | 0.878 | 0.3558 | 1.15 | 2.82 | 0.387 | 0.195 | 0.053 | 0.052 | 0.088 | 0.130E | 0.317 | 2.17 | 12 |
| 13 | 0 782 | 0.3478 | 0.988 | 4.82 | 0.369 | 0.172 | 0.023 | 0.040 | 0.028 | 0.110E | 0.304 | 1.88 | 13 |
| 14 | 1.02 | 0.3408 | 0.878 | 3.58 | 0.408 | 0.188 | 0.084 | 0.041 | 0.018 | 0.090E | 0.308 | 1.12 | 14 |
| 15 | 7 49 | 0.3358 | 0.805 | 1.98 | 0.481 | 0.138 | 0.085 | 0.024 | 0.080 | 0.080E | 0.287 | 4.60 | 15 |
| 16 | 5.82 | 0.3308 | 0.788 | 1.80 | 0.368 | 0.149 | 0.088 | 0.011 | 0.047 | 0.100E | 0.278 | 5.44 | 16 |
| 17 | 2.42 | 0.3258 | 0.777 | 1.28 | 0.327 | 0.138 | 0.032 | 0.003 | 0.076 | 0.120E | 0.289 | 3.25 | 17 |
| 18 | 1.81 | 0.3208 | 0.783 | 1.08 | 0.309 | 0.131 | 0.048 | 0.004 | 0.088 | 0.110E | 0.316 | 2.03 | 18 |
| 19 | 1.02 | 0.3208 | 0.777 | 0.918 | 0.287 | 0.113 | 0.018 | 0.001 | 0.028 | 0.105E | 0.296 | 1.88 | 19 |
| 20 | 0.9008 | 0.3238 | 0.805 | 0.813 | 0.288 | 0.180 | 0.007 | 0 | 0.030 | 0.100E | 0.314 | 8.83 | 20 |
| 21 | 0.8008 | 0.3408 | 0.788 | 0.714 | 0.284 | 0.185 | 0.002 | 0 | 0.074 | 0.300E | 0.306 | 5.44 | 21 |
| 22 | 0 773 | 0.4008 | 0.792 | 0 639 | 0.244 | 0.168 | 0.001 | 0.020 | 0 141 | 0.330E | 0.303 | 3.46 | 22 |
| 23 | 0 676 | 0.4808 | 0.792 | 0.654 | 0.237 | 0.225 | 0 | 0.003 | 0 102 | 0.300E | 0.336 | 2.17 | 23 |
| 24 | 0.8408 | 0.5808 | 0 844 | 0.643 | 0.260 | 0.190 | 0 | 0 | 0 086 | 0 390E | 0.357 | 1.81 | 24 |
| 25 | 0.8108 | 0.6708 | 0.992 | 0.581 | 0.250 | 0.180 | 0 | 0.003 | 0.099 | 0.380E | 1.73 | 5.18 | 25 |
| 26 | 0.889 | 0.788 | 1.70 | 0.537 | 0.248 | 0.332 | 0 | 0.024 | 0.088 | 0.427 | 5.02 | 3.29 | 26 |
| 27 | 0.867 | 0.888 | 1.59 | 0.831 | 0.231 | 0.265 | 0.001 | 0.096 | 0.092 | 0.798 | 1.82 | 1.98 | 27 |
| 28 | 0 532 | 1 08 | 1.38 | 0.894 | 0.234 | 0.222 | 0 | 0.052 | 0.088 | 0.894 | 1.08 | 1.41 | 28 |
| 29 | 0 486 | | 1.22 | 0.528 | 0.236 | 0.203 | 0 | 0.033 | 0.062 | 0.386 | 2.87 | 1.10 | 29 |
| 30 | 0 491 | | 3.56 | 0.483 | 0.228 | 0.181 | 0 | 0.024 | 0.092 | 0.288 | 2.71 | 0.9008 | 30 |
| 31 | 0 451 | | 4.85 | | 0.239 | | 0 | 0.023 | | 0.221 | | 0.807 | 31 |
| TOTAL | 38 976 | 13 522 | 76.488 | 91.534 | 9.674 | 5.430 | 1.477 | 1.781 | 1.818 | 6.715 | 22.383 | 75.413 | TOTAL |
| MEAN | 1.26 | 0 447 | 2.47 | 3.05 | 0.318 | 0.181 | 0.048 | 0.057 | 0.081 | 0.217 | 0.748 | 2.43 | MEAN |
| MAX | 7 49 | 1 08 | 10.5 | 16.3 | 0.483 | 0.332 | 0.158 | 0.441 | 0.141 | 0.798 | 5.02 | 8.83 | MAX |
| MIN | 0 451 | 0.320 | 0.777 | 0.483 | 0.224 | 0.113 | 0 | 0 | 0.013 | 0.078 | 0.188 | 0.880 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 843
MAXIMUM DAILY 16 3 ON APR 5
MINIMUM DAILY 0 ON JUL 23
MAXIMUM INSTANTANEOUS
16.3 AT 16 02 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 25 N
LONG 80 53 58 W
DRAINAGE AREA 120 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 370 | JUL | 128 |
| FEB | 1 080 | AUG | 152 |
| MAR | 6 610 | SEP | 157 |
| APR | 7 910 | OCT | 580 |
| MAY | 853 | NOV | 1 930 |
| JUN | 488 | DEC | 6 520 |

TOTAL DISCHARGE 29 800 dam³

REMARKS - STATION ACTIVATED DEC 16 1986

## CATFISH CREEK NEAR SPARTA - STATION NO. 02GC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 74 | 0.9708 | 15 0 B | 10.1 | 0.942 | 0.270 | 0.295 | 0.018 | 0 100 | 0.207 | 0.418 | 4.21 | 1 |
| 2 | 2 61 | 0 9408 | 31 4 | 21 0 | 0.817 | 0.280 | 0.283 | 0.238 | 0 101 | 0 182 | 0.358 | 2.95 | 2 |
| 3 | 2 38 | 0 9208 | 10 5 | 16 6 | 0 730 | 0.307 | 0.256 | 0.488 | 0 102 | 0 155 | 0 351 | 2.26 | 3 |
| 4 | 1 98 | 0 9008 | 5 05 | 15 7 | 0.728 | 0.288 | 0.200 | 0 287 | 0 082 | 0 149 | 0.352 | 1.99 | 4 |
| 5 | 1 92 | 0.8708 | 4 18 | 47.2 | 0 705 | 0 253 | 0 174 | 0.224 | 0.072 | 0 183 | 0.298 | 1.84 | 5 |
| 6 | 1 90 | 0 8508 | 8 95 | 28 5 | 0 678 | 0.256 | 0 188 | 0 149 | 0 070 | 0 142 | 0.288 | 1.75 | 6 |
| 7 | 2 04 | 0.8508 | 15 4 | 15 1 | 0 623 | 0.285 | 0 180 | 0.107 | 0.078 | 0 140 | 0.300 | 1.74 | 7 |
| 8 | 2 38 | 0.8808 | 22 7 | 7 87 | 0 580 | 0.280 | 0 144 | 0 088 | 0.089 | 0 131 | 0.338 | 1.81 | 8 |
| 9 | 2 10 | 0.8508 | 15 1 | 5 14 | 0 551 | 0.280 | 0.145 | 1.10 | 0.084 | 0 140 | 0.888 | 5 49 | 9 |
| 10 | 2 08 | 0.8208 | 9 008 | 3 71 | 0 511 | 0 287 | 0 141 | 1 08 | 0 081 | 0 128 | 0.894 | 7.39 | 10 |
| 11 | 2 28 | 0 8108 | 3 508 | 2 87 | 0 532 | 0.252 | 0.140 | 0 517 | 0.080 | 0 188 | 0.580 | 3.88 | 11 |
| 12 | 2 09 | 0 7908 | 2 64 | 6.02 | 0 501 | 0.458 | 0.115 | 0.294 | 0 215 | 0 183 | 0.474 | 5.80 | 12 |
| 13 | 1 93 | 0 7708 | 2 20 | 11 7 | 0 481 | 0.385 | 0.082 | 0 218 | 0 348 | 0 148 | 0.434 | 4.77 | 13 |
| 14 | 2 46 | 0 7558 | 2 01 | 6 12 | 0 490 | 0.267 | 0 153 | 0 183 | 0 189 | 0 140 | 0.388 | 2.87 | 14 |
| 15 | 21 2 | 0 7408 | 1 81 | 4 27 | 1 14 | 0.208 | 0.186 | 0 139 | 0.178 | 0.134 | 0 333 | 13.5 | 15 |
| 16 | 15 6 | 0 7308 | 1 72 | 3 81 | 0 628 | 0.181 | 0.111 | 0.118 | 0 178 | 0 128 | 0.313 | 17.6 | 16 |
| 17 | 6 10 | 0 7208 | 1 68 | 2 87 | 0 488 | 0.182 | 0.078 | 0 105 | 0.186 | 0.151 | 0.305 | 8.56 | 17 |
| 18 | 3 008 | 0 7208 | 1 67 | 2 44 | 0 498 | 0.188 | 0 059 | 0.082 | 0.387 | 0.171 | 0.327 | 5.18 | 18 |
| 19 | 2 188 | 0 7108 | 1 63 | 2 05 | 0 534 | 0.161 | 0 053 | 0.078 | 0 282 | 0 186 | 0.305 | 4 07 | 19 |
| 20 | 1 858 | 0 7308 | 1 85 | 1 77 | 0 502 | 0 167 | 0 043 | 0 072 | 0 218 | 0 149 | 0.300 | 30 0 | 20 |
| 21 | 1 558 | 0 6308 | 1 86 | 1 59 | 0 473 | 0 188 | 0 038 | 0.075 | 0 285 | 0.186 | 0.320 | 21 4 | 21 |
| 22 | 1 408 | 1 10 B | 1 81 | 1 43 | 0 410 | 0 280 | 0 033 | 0 148 | 0.382 | 0.220 | 0.289 | 8.52 | 22 |
| 23 | 1 308 | 1 25 B | 1 81 | 1 46 | 0 398 | 0.385 | 0 027 | 0 128 | 0 332 | 0.438 | 0 340 | 5.04 | 23 |
| 24 | 1 258 | 1 48 | 1 78 | 1 52 | 0 368 | 0.342 | 0 024 | 0 671 | 0.248 | 0.370 | 0 450 | 4 18 | 24 |
| 25 | 1 188 | 1 70 | 1 87 | 1 27 | 0 380 | 0.280 | 0 043 | 0 081 | 0.202 | 0 883 | 5 18 | 13.8 | 25 |
| 26 | 1 148 | 1 98 | 4 83 | 1 11 | 0 384 | 0 394 | 0 022 | 0 101 | 0.186 | 0.431 | 14.9 | 9.12 | 26 |
| 27 | 1 118 | 2 27 | 4 16 | 1 11 | 0 378 | 0.378 | 0 024 | 0.306 | 0 151 | 1.22 | 5.81 | 4.87 | 27 |
| 28 | 1 088 | 2 72 | 3 23 | 1 28 | 0 324 | 0 384 | 0.015 | 0 246 | 0 152 | 1 64 | 3 06 | 3 33 | 28 |
| 29 | 1 058 | | 2 89 | 1 32 | 0 324 | 0 420 | 0 017 | 0 184 | 0 150 | 0 933 | 5.85 | 2 44 | 29 |
| 30 | 1 028 | | 10 3 | 1 07 | 0.314 | 0.371 | 0 020 | 0 122 | 0.240 | 0 824 | 7 89 | 1.758 | 30 |
| 31 | 1 009 | | 13 0 | | 0 282 | | 0 016 | 0 112 | | 0 483 | | 1.578 | 31 |
| TOTAL | 93 89 | 29 665 | 200 79 | 230 40 | 16 657 | 8 415 | 3.214 | 7.051 | 5 386 | 10 158 | 51.730 | 203.67 | TOTAL |
| MEAN | 3 03 | 1 06 | 6 48 | 7 68 | 0 537 | 0 281 | 0.104 | 0 227 | 0 179 | 0 328 | 1.72 | 6 57 | MEAN |
| MAX | 21 2 | 2 72 | 31 4 | 47 2 | 1 14 | 0 458 | 0 295 | 1 10 | 0 387 | 1 64 | 14 9 | 30 0 | MAX |
| MIN | 1 00 | 0 710 | 1 81 | 1 07 | 0 282 | 0 161 | 0 015 | 0 015 | 0 089 | 0 126 | 0 288 | 1.57 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2 36
MAXIMUM DAILY 47 2 ON APR 5
MINIMUM DAILY 0 015 ON JUL 28
MAXIMUM INSTANTANEOUS
64 6 AT 10 19 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 44 46 N
LONG 81 03 29 W
DRAINAGE AREA 287 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 110 | JUL | 278 |
| FEB | 2 580 | AUG | 808 |
| MAR | 17 300 | SEP | 484 |
| APR | 19 900 | OCT | 677 |
| MAY | 1 440 | NOV | 4 470 |
| JUN | 727 | DEC | 17 800 |

TOTAL DISCHARGE 74 300 dam³

## CEDAR CREEK AT WOODSTOCK - STATION NO 02GD011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.994 | 0.523 | 1.20 | 2.39 | 0.445 | 0.485 | 0.140E | 0.178E | 0.240 | 0.140E | 0.231 | 0.528 | 1 |
| 2 | 0.866 | 0.535 | 3.52 | 2.24 | 0.435 | 0.345 | 0.138E | 0.257A | 0.247 | 0.198A | 0.222 | 0.872 | 2 |
| 3 | 0.815 | 0.527 | 2.62 | 2.18 | 0.419 | 0.311 | 0.195A | 0.217 | 0.233 | 0.185E | 0.222 | 0.541 | 3 |
| 4 | 0.802 | 0.525B | 1.59 | 2.35 | 0.377 | 0.264 | 0.340 | 0.195A | 0.207A | 0.180E | 0.247 | 0.469 | 4 |
| 5 | 0.774 | 0.510 | 1.25 | 7.92 | 0.383 | 0.239 | 0.195A | 0.188E | 0.180E | 0.177A | 0.247 | 0.433 | 5 |
| 6 | 0.754 | 0.497B | 1.74 | 10.5 | 0.380 | 0.232 | 0.195A | 0.170E | 0.150E | 0.175E | 0.220 | 0.390 | 6 |
| 7 | 0.765 | 0.514 | 4.21 | 8.63 | 0.350 | 0.212 | 0.258 | 0.160E | 0.130E | 0.170E | 0.220 | 0.610 | 7 |
| 8 | 0.795 | 0.510B | 8.01 | 3.74 | 0.355A | 0.219 | 1.81 | 0.150E | 0.122A | 0.168E | 0.251 | 0.402 | 8 |
| 9 | 0.778 | 0.510B | 7.81 B | 2.08 | 0.307A | 0.226 | 10.3 | 0.377A | 0.123E | 0.150E | 0.274 | 0.740 | 9 |
| 10 | 0.758 | 0.485 | 4.56 B | 1.85 | 0.289 | 0.208 | 5.88 | 0.288 | 0.124E | 0.155E | 0.256 | 1.20 | 10 |
| 11 | 0.772 | 0.475 | 1.67 B | 1.24 | 0.285 | 0.204 | 2.13 | 0.195A | 0.207A | 0.150E | 0.229 | 0.830 | 11 |
| 12 | 0.733 | 0.470 | 1.34 | 1.05 | 0.272 | 0.217 | 0.522 | 0.190E | 0.195A | 0.145E | 0.225 | 0.845 | 12 |
| 13 | 0.698 | 0.480B | 1.05 | 3.38 | 0.256 | 0.209 | 0.299 | 0.185E | 0.180E | 0.140E | 0.222 | 0.946 | 13 |
| 14 | 0.743 | 0.405 | 0.870 | 2.02 | 0.310 | 0.195A | 0.801 | 0.180E | 0.170E | 0.135E | 0.228 | 0.867 | 14 |
| 15 | 1.80 | 0.413 | 0.814 | 1.84 | 0.313 | 0.180E | 0.383 | 0.178E | 0.180E | 0.130E | 0.221 | 1.44 | 15 |
| 16 | 2.17 | 0.410B | 0.793 | 1.27 | 0.297 | 0.170E | 0.281 | 0.170E | 0.160E | 0.185A | 0.214 | 3.00 | 16 |
| 17 | 1.81 | 0.398B | 0.781 | 1.11 | 0.272 | 0.195A | 0.228 | 0.168E | 0.245A | 0.200A | 0.221 | 1.73 | 17 |
| 18 | 1.13 | 0.382B | 0.787 | 0.941 | 0.290 | 0.195A | 0.198 | 0.163E | 0.248 | 0.180E | 0.231 | 1.11 | 18 |
| 19 | 0.803 | 0.377B | 0.802 | 0.817 | 0.288 | 0.170E | 0.195A | 0.182E | 0.200A | 0.180E | 0.221 | 0.871 | 19 |
| 20 | 0.887 | 0.368B | 0.850 | 0.888 | 0.307 | 0.180E | 0.190E | 0.161E | 0.195A | 0.170E | 0.207 | 3.42 | 20 |
| 21 | 0.792 | 0.375 | 0.888 | 0.843 | 0.298 | 0.195A | 0.208A | 0.160E | 0.200A | 0.207A | 0.204 | 8.81 | 21 |
| 22 | 0.783 | 0.384 | 0.853 | 0.573 | 0.312 | 0.215 | 0.190E | 0.193 | 0.190E | 0.253 | 0.190 | 3.73 | 22 |
| 23 | 0.882 | 0.381B | 0.803 | 0.500 | 0.286 | 0.195A | 0.195A | 0.195A | 0.180E | 0.328 | 0.193 | 1.74 | 23 |
| 24 | 0.810B | 0.384 | 0.724 | 0.615 | 0.281 | 0.180E | 0.238 | 0.180E | 0.195A | 0.377 | 0.215 | 1.24 | 24 |
| 25 | 0.810B | 0.381B | 0.688 | 0.554 | 0.242 | 0.180E | 0.195A | 0.170E | 0.200A | 0.408 | 1.39 | 1.82 | 25 |
| 26 | 0.950B | 0.382B | 1.71 | 0.510 | 0.280 | 0.170E | 0.180E | 0.195A | 0.190E | 0.279 | 3.30 | 1.37 | 26 |
| 27 | 0.930B | 0.381B | 1.82 | 0.496 | 0.286 | 0.180E | 0.170E | 0.243 | 0.180E | 0.578 | 1.79 | 1.01 | 27 |
| 28 | 0.842 | 0.424B | 1.47 | 0.528 | 0.246 | 0.155E | 0.180E | 0.250 | 0.170E | 0.522 | 0.833 | 0.872 | 28 |
| 29 | 0.536 | | 1.20 | 0.510 | 0.252 | 0.150E | 0.150E | 0.278 | 0.160E | 0.343 | 1.47 | 0.605B | 29 |
| 30 | 0.585 | | 1.85 | 0.480 | 0.351 | 0.145E | 0.195A | 0.289 | 0.150E | 0.278 | 1.48 | 0.485B | 30 |
| 31 | 0.544 | | 2.89 | | 0.706 | | 0.185E | 0.286 | | 0.245 | | 0.445 | 31 |
| TOTAL | 26.223 | 12.352 | 81.121 | 82.736 | 10.117 | 8.392 | 28.848 | 6.340 | 5.511 | 7.186 | 15.675 | 41.271 | TOTAL |
| MEAN | 0.846 | 0.441 | 1.97 | 2.09 | 0.326 | 0.213 | 0.880 | 0.205 | 0.184 | 0.231 | 0.523 | 1.33 | MEAN |
| MAX | 2.17 | 0.535 | 8.01 | 10.8 | 0.706 | 0.485 | 10.3 | 0.377 | 0.248 | 0.578 | 3.30 | 8.81 | MAX |
| MIN | 0.530 | 0.382 | 0.688 | 0.480 | 0.242 | 0.145 | 0.138 | 0.150 | 0.122 | 0.130 | 0.190 | 0.390 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.771
MAXIMUM DAILY, 10.8 ON APR 8
MINIMUM DAILY, 0.122A ON SEP 8
MAXIMUM INSTANTANEOUS,
12.3 AT 22:54 EST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 39 N
LONG 80 46 06 W
DRAINAGE AREA, 83.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 270 | JUL | 2 300 |
| FEB | 1 070 | AUG | 548 |
| MAR | 5 280 | SEP | 476 |
| APR | 5 420 | OCT | 618 |
| MAY | 874 | NOV | 1 350 |
| JUN | 582 | DEC | 3 570 |

TOTAL DISCHARGE, 24 300 dam³

## CEDAR CREEK NEAR HEMLO - STATION NO 02BB004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.855B | 0.590B | 0.550B | 1.31 | 3.97 | 2.76 | 0.523 | 2.68 | 1.47 | 0.427 | 2.25 | 3.58 | 1 |
| 2 | 0.840B | 0.590B | 0.550B | 1.38 | 3.88 | 2.78 | 0.527 | 2.80 | 1.45 | 0.527 | 2.15 | 3.49 | 2 |
| 3 | 0.825B | 0.585B | 0.550B | 1.43 | 3.72 | 2.82 | 0.634 | 2.72 | 1.42 | 0.501 | 2.16 | 3.31B | 3 |
| 4 | 0.805B | 0.585B | 0.550B | 1.49 | 3.54 | 2.81 | 0.526 | 2.65 | 1.39 | 0.535 | 2.11 | 3.20 | 4 |
| 5 | 0.790B | 0.580B | 0.550B | 1.55 | 3.41 | 2.77 | 0.480 | 2.51 | 1.44 | 0.519 | 1.99 | 3.10B | 5 |
| 6 | 0.775B | 0.580B | 0.550B | 1.80 | 3.25 | 3.29 | 0.472 | 2.33 | 1.42 | 0.583 | 1.94 | 3.00B | 6 |
| 7 | 0.760B | 0.580B | 0.550B | 1.84 | 3.06 | 4.28 | 0.486 | 2.24 | 1.36 | 0.612 | 1.83 | 2.42B | 7 |
| 8 | 0.750B | 0.575B | 0.550B | 1.78 | 2.89 | 4.15 | 0.486 | 2.15 | 1.30 | 0.610 | 1.83 | 2.88 | 8 |
| 9 | 0.735B | 0.575B | 0.550B | 2.07 | 2.85 | 3.86 | 0.752 | 1.99 | 1.33 | 0.713 | 1.78 | 2.78 | 9 |
| 10 | 0.725B | 0.570B | 0.550B | 2.48 | 2.58 | 3.75 | 1.89 | 1.87 | 1.31 | 0.748 | 1.87 | 2.74 | 10 |
| 11 | 0.715B | 0.570B | 0.550B | 2.85 | 2.47 | 3.82 | 1.38 | 1.79 | 1.20 | 0.754 | 1.80 | 2.71 | 11 |
| 12 | 0.705B | 0.570B | 0.550B | 3.10 | 2.27 | 3.56 | 1.31 | 1.84 | 1.22 | 0.841 | 1.81 | 2.85 | 12 |
| 13 | 0.885B | 0.570B | 0.550B | 3.32 | 2.11 | 3.49 | 1.38 | 1.83 | 1.12 | 1.04 | 1.80 | 2.83 | 13 |
| 14 | 0.885B | 0.585B | 0.560B | 3.68 | 1.86 | 3.32 | 1.45 | 1.80 | 1.04 | 1.03 | 1.53 | 2.55 | 14 |
| 15 | 0.875B | 0.885B | 0.558B | 3.95 | 1.82 | 3.20 | 1.44 | 1.55 | 0.969 | 0.884 | 1.42 | 2.47 | 15 |
| 16 | 0.865B | 0.885B | 0.550B | 4.37 | 1.80 | 2.96 | 1.43 | 1.49 | 0.892 | 1.12 | 1.42 | 2.38B | 16 |
| 17 | 0.850B | 0.580B | 0.548B | 4.71 | 1.74 | 2.89 | 1.70 | 1.42 | 0.787 | 1.38 | 2.87 | 2.32B | 17 |
| 18 | 0.850B | 0.580B | 0.575B | 5.09 | 1.46 | 2.72 | 2.17 | 1.42 | 0.842 | 1.41 | 4.06 | 2.25B | 18 |
| 19 | 0.845B | 0.580B | 0.580B | 5.31 | 0.838 | 2.53 | 2.73 | 1.38 | 0.527 | 1.34 | 4.03 | 2.20B | 19 |
| 20 | 0.840B | 0.560B | 0.605B | 5.48 | 0.498 | 1.40 | 4.06 | 1.38 | 0.373 | 1.30 | 4.25 | 2.12B | 20 |
| 21 | 0.838B | 0.560B | 0.629 | 5.56 | 0.589 | 0.886 | 4.04 | 1.40 | 0.213 | 1.34 | 4.22B | 2.06B | 21 |
| 22 | 0.830B | 0.555B | 0.673 | 5.71 | 1.07 | 0.842 | 3.86 | 1.37 | 0.621 | 1.38 | 4.20 | 2.00B | 22 |
| 23 | 0.825B | 0.555B | 0.752 | 5.63 | 1.18 | 0.786 | 3.83 | 1.45 | 0.924 | 1.35 | 4.24 | 1.94B | 23 |
| 24 | 0.815B | 0.555B | 0.878 | 5.47 | 1.15 | 0.737 | 3.84 | 1.41 | 0.827 | 1.34 | 4.18 | 1.88B | 24 |
| 25 | 0.810B | 0.555B | 0.940 | 5.35 | 1.16 | 0.689 | 3.77 | 1.48 | 0.885 | 1.32 | 4.13 | 1.83B | 25 |
| 26 | 0.805B | 0.555B | 0.980 | 5.05 | 1.18 | 0.853 | 3.83 | 1.55 | 0.564 | 1.33 | 4.05 | 1.78B | 26 |
| 27 | 0.805B | 0.555B | 1.04 | 4.26 | 1.32 | 0.837 | 3.38 | 1.55 | 0.483 | 1.48 | 3.92 | 1.72B | 27 |
| 28 | 0.800B | 0.550B | 1.07 | 4.24 | 1.41 | 0.588 | 3.22 | 1.57 | 0.383 | 1.74 | 3.86 | 1.68B | 28 |
| 29 | 0.800B | | 1.14 | 4.20 | 1.61 | 0.557 | 3.12 | 1.54 | 0.284 | 2.44 | 3.78 | 1.61B | 29 |
| 30 | 0.595B | | 1.17 | 4.11 | 2.14 | 0.539 | 3.05 | 1.53 | 0.227 | 2.41 | 3.71 | 1.54B | 30 |
| 31 | 0.595B | | 1.25 | | 2.48 | | 2.88 | 1.48 | | 2.38 | | 1.51B | 31 |
| TOTAL | 21.311 | 15.895 | 21 702 | 108.24 | 85.111 | 89.975 | 84.526 | 55.77 | 27.811 | 35.842 | 84.08 | 74.29 | TOTAL |
| MEAN | 0.687 | 0.568 | 0.700 | 3.61 | 2.10 | 2.33 | 2.08 | 1.80 | 0.927 | 1.15 | 2.80 | 2.40 | MEAN |
| MAX | 0.855 | 0.590 | 1.25 | 5.71 | 3.97 | 4.28 | 4.06 | 2.80 | 1.47 | 2.44 | 4.25 | 3.58 | MAX |
| MIN | 0.595 | 0.550 | 0.550 | 1.31 | 0.498 | 0.539 | 0.472 | 1.38 | 0.213 | 0.427 | 1.42 | 1.51 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.77
MAXIMUM DAILY, 5.71 ON APR 22
MINIMUM DAILY, 0.213 ON SEP 21
MAXIMUM INSTANTANEOUS,
5.80 AT 13:10 EST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 42 27 N
LONG 85 54 39 W
DRAINAGE AREA 301 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 840 | JUL | 5 580 |
| FEB | 1 370 | AUG | 4 820 |
| MAR | 1 880 | SEP | 2 400 |
| APR | 9 350 | OCT | 3 080 |
| MAY | 5 630 | NOV | 7 260 |
| JUN | 5 050 | DEC | 6 420 |

TOTAL DISCHARGE, 55 700 dam³

## CEDAR RIVER BELOW WABASKANG LAKE - STATION NO. 05QE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.838 | 4.018 | 4.25 | 4.52 | 5.10 | 5.20 | 4.26 | 3.96 | 3.62 | 3.35 | 3.06 | 1.92 | 1 |
| 2 | 3.808 | 4.018 | 4.27 | 4.47 | 5.01 | 5.51 | 4.35 | 3.97 | 3.78 | 3.37 | 3.00 | 1.91 | 2 |
| 3 | 3.798 | 4.038 | 4.28 | 4.43 | 4.94 | 5.57 | 4.36 | 3.96 | 3.76 | 3.37 | 3.00 | 1.90 | 3 |
| 4 | 3.808 | 4.048 | 4.31 | 4.41 | 4.89 | 5.56 | 4.30 | 3.90 | 3.71 | 3.33 | 3.03 | 1.90 | 4 |
| 5 | 3.798 | 4.078 | 4.32 | 4.46 | 4.83 | 5.46 | 4.26 | 3.83 | 3.68 | 3.33 | 3.04 | 1.88 | 5 |
| 6 | 3.798 | 4.088 | 4.35 | 4.50 | 4.74 | 5.43 | 4.21 | 3.89 | 3.66 | 3.33 | 3.05 | 1.87 | 6 |
| 7 | 3.818 | 4.098 | 4.40 | 4.61 | 4.75 | 5.38 | 4.17 | 3.84 | 3.64 | 3.27 | 3.05 | 1.85 | 7 |
| 8 | 3.818 | 4.088 | 4.43 | 4.77 | 4.70 | 5.28 | 4.06 | 3.78 | 3.66 | 3.21 | 3.02 | 1.85 | 8 |
| 9 | 3.828 | 4.108 | 4.47 | 5.02 | 4.62 | 5.22 | 4.01 | 3.72 | 3.65 | 3.20 | 3.02 | 1.84 | 9 |
| 10 | 3.848 | 4.098 | 4.48 | 5.30 | 4.62 | 5.14 | 3.98 | 3.60 | 3.63 | 3.19 | 3.86 | 1.86 | 10 |
| 11 | 3.868 | 4.128 | 4.50 | 5.58 | 4.63 | 5.37 | 3.97 | 3.70 | 3.61 | 3.18 | 3.86 | 1.86 | 11 |
| 12 | 3.878 | 4.148 | 4.50 | 5.75 | 4.64 | 5.40 | 4.07 | 3.81 | 3.66 | 3.18 | 3.86 | 1.92 | 12 |
| 13 | 3.888 | 4.11 | 4.51 | 5.86 | 4.61 | 5.42 | 4.13 | 3.83 | 3.66 | 3.18 | 3.83 | 1.95 | 13 |
| 14 | 3.898 | 4.12 | 4.51 | 5.83 | 4.70 | 5.35 | 4.08 | 3.74 | 3.66 | 3.18 | 3.82 | 1.95 | 14 |
| 15 | 3.918 | 4.14 | 4.49 | 5.75 | 4.88 | 5.28 | 4.09 | 3.89 | 3.64 | 3.18 | 3.91 | 1.96 | 15 |
| 16 | 3.928 | 4.11 | 4.48 | 5.72 | 4.84 | 5.21 | 4.34 | 3.84 | 3.62 | 3.18 | 3.92 | 1.86 | 16 |
| 17 | 3.928 | 4.13 | 4.46 | 5.73 | 4.87 | 5.14 | 4.31 | 3.81 | 3.59 | 3.18 | 3.86 | 1.94 | 17 |
| 18 | 3.938 | 4.15 | 4.46 | 5.88 | 4.91 | 5.06 | 4.20 | 3.83 | 3.58 | 3.20 | 3.86 | 1.93 | 18 |
| 19 | 3.958 | 4.16 | 4.47 | 5.82 | 4.88 | 4.89 | 4.27 | 3.86 | 3.53 | 3.18 | 3.84 | 1.91 | 19 |
| 20 | 3.958 | 4.15 | 4.49 | 5.52 | 4.86 | 4.90 | 4.37 | 3.84 | 3.48 | 3.17 | 3.82 | 1.91 | 20 |
| 21 | 3.968 | 4.16 | 4.51 | 5.54 | 4.83 | 4.82 | 4.36 | 3.80 | 3.46 | 3.18 | 3.83 | 1.89 | 21 |
| 22 | 3.968 | 4.19 | 4.53 | 5.46 | 4.88 | 4.78 | 4.36 | 3.82 | 3.44 | 3.18 | 3.84 | 1.89 | 22 |
| 23 | 3.978 | 4.19 | 4.58 | 5.39 | 4.72 | 4.72 | 4.37 | 3.83 | 3.38 | 3.17 | 3.84 | 1.88 | 23 |
| 24 | 3.968 | 4.19 | 4.70 | 5.35 | 4.77 | 4.68 | 4.34 | 3.18 | 3.34 | 3.16 | 3.85 | 1.88 | 24 |
| 25 | 3.968 | 4.21 | 4.79 | 5.31 | 4.77 | 4.68 | 4.27 | 3.12 | 3.31 | 3.14 | 3.95 | 1.89 | 25 |
| 26 | 3.988 | 4.21 | 4.79 | 5.29 | 4.82 | 4.58 | 4.26 | 3.07 | 3.26 | 3.11 | 3.95 | 1.88 | 26 |
| 27 | 3.988 | 4.22 | 4.79 | 5.24 | 4.84 | 4.50 | 4.20 | 3.02 | 3.26 | 3.10 | 3.96 | 1.90 | 27 |
| 28 | 3.988 | 4.23 | 4.79 | 5.33 | 4.83 | 4.46 | 4.13 | 2.97 | 3.31 | 3.10 | 3.95 | 1.90 | 28 |
| 29 | 3.978 |  | 4.71 | 5.25 | 5.12 | 4.34 | 4.08 | 2.95 | 3.41 | 3.08 | 3.97 | 1.90 | 29 |
| 30 | 3.998 |  | 4.66 | 5.18 | 5.09 | 4.26 | 4.04 | 2.91 | 3.34 | 3.08 | 3.84 | 1.91 | 30 |
| 31 | 3.998 |  | 4.57 |  | 5.07 |  | 3.98 | 2.88 |  | 3.07 |  | 1.88 | 31 |
| TOTAL | 120.86 | 115.53 | 139.86 | 156.67 | 147.14 | 151.53 | 130.13 | 109.01 | 76.56 | 68.15 | 59.10 | 58.97 | TOTAL |
| MEAN | 3.90 | 4.13 | 4.51 | 5.23 | 4.75 | 5.06 | 4.20 | 3.52 | 2.55 | 2.20 | 1.97 | 1.90 | MEAN |
| MAX | 3.99 | 4.23 | 4.79 | 5.86 | 5.12 | 5.57 | 4.37 | 3.97 | 3.62 | 3.37 | 3.06 | 1.96 | MAX |
| MIN | 3.79 | 4.01 | 4.25 | 4.41 | 4.63 | 4.26 | 3.98 | 2.88 | 2.26 | 2.07 | 1.91 | 1.85 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.65
MAXIMUM DAILY, 5.86 ON APR 13
MINIMUM DAILY, 1.85 ON DEC 7
MAXIMUM INSTANTANEOUS,
5.90 AT 17 37 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 30 30 N
LONG 93 15 30 W
DRAINAGE AREA, 1 890 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 10 400 | JUL | 11 200 |
| FEB | 9 980 | AUG | 9 420 |
| MAR | 12 100 | SEP | 6 610 |
| APR | 13 800 | OCT | 5 890 |
| MAY | 12 700 | NOV | 5 110 |
| JUN | 13 100 | DEC | 5 100 |

TOTAL DISCHARGE, 115 000 dam³

REMARKS - CHANGE IN CONTROL DUE TO BRIDGE CONSTRUCTION IN FEB 86.

## CHIPPEWA CREEK AT NORTH BAY - STATION NO. 02DD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.2198 | 0.1698 | 0.1708 | 3.17 | 0.631 | 0.392 | 0.378 | 0.072 | 0.150 | 0.181 | 0.953 | 0.577 | 1 |
| 2 | 0.2178 | 0.1708 | 0.1698 | 1.54 | 0.448 | 0.304 | 0.393 | 0.113 | 0.116 | 0.389 | 0.688 | 0.4208 | 2 |
| 3 | 0.2138 | 0.1718 | 0.1648 | 1.28 | 0.424 | 0.282 | 1.09 | 0.086 | 0.199 | 0.406 | 0.688 | 0.3358 | 3 |
| 4 | 0.2118 | 0.1738 | 0.1618 | 1.07 | 0.457 | 0.234 | 1.29 | 0.357 | 0.156 | 0.285 | 0.903 | 0.3008 | 4 |
| 5 | 0.2108 | 0.1718 | 0.1608 | 1.28 | 0.364 | 0.208 | 0.944 | 0.158 | 0.116 | 0.238 | 1.38 | 0.2858 | 5 |
| 6 | 0.2098 | 0.1808 | 0.1808 | 2.11 | 0.318 | 0.190 | 0.413 | 0.109 | 0.098 | 0.397 | 0.972 | 0.2558 | 6 |
| 7 | 0.2068 | 0.2008 | 0.2408 | 2.20 | 0.226 | 0.246 | 0.318 | 0.185 | 0.097 | 0.477 | 0.688 | 0.2518 | 7 |
| 8 | 0.2038 | 0.2298 | 0.2708 | 1.84 | 0.214 | 0.980 | 0.237 | 0.134 | 0.097 | 0.497 | 0.590 | 0.315 | 8 |
| 9 | 0.2038 | 0.2258 | 0.2708 | 1.87 | 0.201 | 0.939 | 0.174 | 0.101 | 0.097 | 0.489 | 0.5008 | 1.17 | 9 |
| 10 | 0.2018 | 0.2228 | 0.2858 | 1.50 | 0.209 | 0.564 | 0.140 | 0.096 | 0.112 | 0.396 | 0.4108 | 1.72 | 10 |
| 11 | 0.2018 | 0.2148 | 0.2608 | 1.31 | 0.231 | 0.500 | 0.490 | 0.095 | 0.107 | 0.265 | 0.3958 | 1.11 | 11 |
| 12 | 0.2008 | 0.2098 | 0.2528 | 1.26 | 0.282 | 1.15 | 0.221 | 0.089 | 0.093 | 0.236 | 0.3908 | 0.820 | 12 |
| 13 | 0.1988 | 0.2008 | 0.2488 | 1.05 | 0.348 | 0.741 | 0.174 | 0.086 | 0.092 | 0.224 | 0.387 | 0.697 | 13 |
| 14 | 0.1978 | 0.1968 | 0.2428 | 0.842 | 0.346 | 0.477 | 0.288 | 0.173 | 0.093 | 0.292 | 0.365 | 0.574 | 14 |
| 15 | 0.1958 | 0.1908 | 0.2508 | 0.789 | 0.411 | 0.332 | 0.194 | 0.842 | 0.089 | 0.195 | 0.350 | 0.464 | 15 |
| 16 | 0.1938 | 0.1818 | 0.2618 | 0.657 | 0.355 | 0.221 | 0.148 | 1.82 | 0.093 | 0.198 | 0.330 | 0.4308 | 16 |
| 17 | 0.1918 | 0.1758 | 0.2808 | 0.543 | 0.492 | 0.184 | 0.122 | 0.663 | 0.102 | 0.184 | 0.347 | 0.4058 | 17 |
| 18 | 0.1908 | 0.1688 | 0.3408 | 0.505 | 0.510 | 0.165 | 0.108 | 0.421 | 0.089 | 0.192 | 0.507 | 0.3858 | 18 |
| 19 | 0.1898 | 0.1638 | 0.3908 | 0.457 | 0.380 | 0.330 | 0.117 | 0.479 | 0.149 | 0.183 | 0.431 | 0.3728 | 19 |
| 20 | 0.1858 | 0.1558 | 0.4608 | 0.386 | 0.301 | 0.248 | 0.251 | 0.442 | 0.284 | 0.285 | 0.4008 | 0.3638 | 20 |
| 21 | 0.1848 | 0.1508 | 0.5208 | 0.364 | 0.294 | 0.158 | 0.274 | 0.285 | 0.500 | 0.342 | 0.3508 | 0.3458 | 21 |
| 22 | 0.1838 | 0.1478 | 0.7208 | 0.382 | 0.669 | 0.129 | 0.182 | 0.377 | 0.382 | 0.318 | 0.303 | 0.3308 | 22 |
| 23 | 0.1818 | 0.1428 | 1.10 8 | 0.426 | 0.843 | 0.115 | 0.158 | 0.191 | 0.320 | 0.258 | 0.3408 | 0.3188 | 23 |
| 24 | 0.1808 | 0.1388 | 1.70 8 | 0.398 | 0.534 | 0.105 | 0.188 | 0.148 | 0.222 | 0.511 | 0.425 | 0.3078 | 24 |
| 25 | 0.1798 | 0.1338 | 2.15 | 0.306 | 0.414 | 0.102 | 0.113 | 0.132 | 0.276 | 0.597 | 0.382 | 0.3008 | 25 |
| 26 | 0.1788 | 0.1348 | 3.82 | 0.265 | 0.452 | 0.130 | 0.100 | 0.128 | 0.144 | 0.508 | 0.355 | 0.2888 | 26 |
| 27 | 0.1768 | 0.1468 | 2.86 | 0.646 | 0.731 | 0.369 | 0.095 | 0.134 | 0.127 | 1.01 | 0.3108 | 0.2788 | 27 |
| 28 | 0.1748 | 0.1638 | 2.32 | 0.974 | 0.643 | 0.342 | 0.085 | 0.111 | 0.127 | 1.07 | 0.2808 | 0.2708 | 28 |
| 29 | 0.1728 |  | 2.42 | 0.981 | 0.446 | 0.723 | 0.079 | 0.102 | 0.157 | 0.728 | 0.297 | 0.2588 | 29 |
| 30 | 0.1708 |  | 6.01 | 0.973 | 0.310 | 0.660 | 0.077 | 0.172 | 0.152 | 1.23 | 0.695 | 0.2508 | 30 |
| 31 | 0.1698 |  | 3.16 |  | 0.391 |  | 0.078 | 0.243 |  | 1.41 |  | 0.2408 | 31 |
| TOTAL | 5.978 | 4.914 | 31.613 | 30.184 | 12.675 | 11.525 | 8.448 | 8.330 | 4.806 | 13.972 | 15.381 | 14.413 | TOTAL |
| MEAN | 0.193 | 0.176 | 1.02 | 1.01 | 0.409 | 0.384 | 0.273 | 0.269 | 0.160 | 0.451 | 0.513 | 0.465 | MEAN |
| MAX | 0.219 | 0.229 | 6.01 | 3.20 | 0.731 | 1.15 | 1.29 | 1.82 | 0.500 | 1.41 | 1.38 | 1.72 | MAX |
| MIN | 0.169 | 0.133 | 0.160 | 0.265 | 0.201 | 0.102 | 0.077 | 0.072 | 0.089 | 0.181 | 0.280 | 0.240 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.444
MAXIMUM DAILY, 6.01 ON MAR 30
MINIMUM DAILY, 0.072 ON AUG 1
MAXIMUM INSTANTANEOUS
7.01 AT 13 04 EST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 38 N
LONG 79 27 00 W
DRAINAGE AREA, 37.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 516 | JUL | 730 |
| FEB | 425 | AUG | 720 |
| MAR | 2 730 | SEP | 415 |
| APR | 2 610 | OCT | 1 210 |
| MAY | 1 100 | NOV | 1 330 |
| JUN | 898 | DEC | 1 250 |

TOTAL DISCHARGE, 14 000 dam³

## CHUKUNI RIVER NEAR EAR FALLS - STATION NO. 05OC001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 15.88 | 14.38 | 14.08 | 14.3 | 48.5 | 20.6 | 12.2 | 8.57 | 1.70 A | 0.477 | 0.457 | 2.218 | 1 |
| 2 | 15.68 | 14.38 | 14.18 | 14.2 | 48.5 | 21.6 | 11.9 | 8.84 | 1.34 A | 0.483 | 0.482 | 2.188 | 2 |
| 3 | 15.58 | 14.28 | 14.18 | 14.1 | 47.8 | 24.4 | 12.1 | 8.55 | 1.04 | 0.482 | 0.471 | 2.188 | 3 |
| 4 | 15.68 | 14.28 | 14.18 | 14.1 | 47.4 | 23.4 | 12.0 | 9.01 | 0.846 | 0.468 | 0.502 | 2.188 | 4 |
| 5 | 15.58 | 14.28 | 14.18 | 14.3 | 47.6 | 22.1 | 11.7 | 8.63 | 0.785 | 0.472 | 0.531 | 2.168 | 5 |
| 6 | 15.68 | 14.38 | 14.28 | 14.8 | 43.9 | 21.0 | 11.5 | 8.57 | 0.704 | 0.473 | 0.592 | 2.148 | 6 |
| 7 | 15.58 | 14.28 | 14.28 | 17.0 | 34.0 | 20.5 | 12.0 | 8.85 | 0.652 | 0.456 | 1.17 E | 2.158 | 7 |
| 8 | 15.48 | 14.18 | 14.28 | 19.9 | 31.3 | 20.6 | 12.3 | 8.72 | 0.623 | 0.449 | 2.07 E | 2.198 | 8 |
| 9 | 15.48 | 14.08 | 14.08 | 22.0 | 24.6 | 20.7 | 11.6 | 8.79 | 0.601 | 0.487 | 2.36 E | 2.278 | 9 |
| 10 | 15.38 | 14.18 | 14.08 | 24.2 | 22.3 | 19.8 | 11.3 | 8.48 | 0.622 | 0.495 | 2.32 E | 2.288 | 10 |
| 11 | 15.18 | 14.08 | 14.08 | 26.9 | 22.4 | 19.0 | 11.6 | 5.29 | 0.619 | 0.503 | 2.28 E | 2.358 | 11 |
| 12 | 15.28 | 14.08 | 14.08 | 28.4 | 19.8 | 20.1 | 12.2 | 8.74 | 0.613 | 0.492 | 2.27 E | 2.488 | 12 |
| 13 | 15.18 | 13.98 | 14.08 | 28.2 | 11.6 | 19.8 | 12.3 | 8.82 | 0.598 | 0.488 | 2.33 E | 2.528 | 13 |
| 14 | 15.28 | 13.98 | 14.08 | 27.8 | 10.2 | 20.2 | 12.0 | 8.63 | 0.582 | 0.493 | 2.31 E | 2.518 | 14 |
| 15 | 15.08 | 13.88 | 14.08 | 29.8 | 9.89 | 19.5 | 11.9 | 8.39 | 0.574 | 0.490 | 2.23 E | 2.498 | 15 |
| 16 | 14.98 | 13.88 | 14.08 | 38.2 | 9.92 | 18.5 | 11.7 | 8.51 | 0.586 | 0.479 | 2.34 E | 2.488 | 16 |
| 17 | 14.88 | 13.98 | 14.08 | 40.8 | 10.1 | 17.5 | 12.4 | 8.75 | 0.533 | 0.463 | 2.43 E | 2.488 | 17 |
| 18 | 14.78 | 13.98 | 13.88 | 40.7 | 9.88 | 17.9 | 12.4 | 8.54 | 0.509 | 0.480 | 2.39 E | 2.458 | 18 |
| 19 | 14.68 | 13.98 | 13.88 | 40.4 | 9.48 | 17.7 | 11.5 | 8.60 | 0.482 | 0.490 | 2.46 E | 2.478 | 19 |
| 20 | 14.58 | 13.98 | 13.98 | 41.5 | 9.84 | 16.9 | 12.1 | 8.55 | 0.482 | 0.488 | 2.50 E | 2.488 | 20 |
| 21 | 14.58 | 13.88 | 13.98 | 41.7 | 10.6 | 16.5 | 12.5 | 8.48 | 0.480 | 0.478 | 2.33 E | 2.488 | 21 |
| 22 | 14.58 | 13.98 | 13.8 | 40.7 | 11.6 | 16.7 | 12.4 | 8.74 | 0.478 | 0.474 | 2.23 E | 2.498 | 22 |
| 23 | 14.48 | 13.88 | 14.0 | 41.0 | 12.7 | 16.9 | 12.2 | 8.54 | 0.480 | 0.482 | 2.24 E | 2.528 | 23 |
| 24 | 14.48 | 13.78 | 14.4 | 43.9 | 12.9 | 16.8 | 12.4 | 8.24 | 0.475 | 0.480 | 2.19 E | 2.518 | 24 |
| 25 | 14.38 | 13.88 | 14.9 | 51.1 | 12.8 | 16.7 | 12.2 | 7.94 | 0.472 | 0.480 | 2.15 E | 2.508 | 25 |
| 26 | 14.38 | 13.88 | 15.0 | 52.0 | 12.8 | 17.2 | 12.1 | 7.38 | 0.473 | 0.484 | 2.14 E | 2.508 | 26 |
| 27 | 14.38 | 13.98 | 15.1 | 53.2 | 13.2 | 16.7 | 11.8 | 4.88A | 0.467 | 0.468 | 2.18 E | 2.538 | 27 |
| 28 | 14.38 | 13.98 | 15.0 | 52.1 | 13.8 | 16.0 | 11.6 | 3.92E | 0.444 | 0.480 | 2.18 E | 2.538 | 28 |
| 29 | 14.28 | | 14.7 | 52.3 | 15.4 | 15.3 | 11.8 | 3.10E | 0.434 | 0.460 | 2.21 E | 2.528 | 29 |
| 30 | 14.48 | | 14.5 | 50.5 | 20.6 | 14.2 | 11.0 | 2.37E | 0.443 | 0.483 | 2.23 E | 2.518 | 30 |
| 31 | 14.38 | | 14.3 | | 21.8 | | 9.27 | 1.78A | | 0.458 | | 2.558 | 31 |
| TOTAL | 482.2 | 381.5 | 440.1 | 981.1 | 677.87 | 564.8 | 367.77 | 238.56 | 19.098 | 14.715 | 58.535 | 74.25 | TOTAL |
| MEAN | 14.9 | 14.0 | 14.2 | 33.0 | 21.9 | 18.8 | 11.9 | 7.70 | 0.637 | 0.475 | 1.88 | 2.40 | MEAN |
| MAX | 15.8 | 14.3 | 15.1 | 53.2 | 48.5 | 24.4 | 12.5 | 9.01 | 1.70 | 0.503 | 2.50 | 2.55 | MAX |
| MIN | 14.2 | 13.7 | 13.8 | 14.1 | 9.46 | 14.2 | 9.27 | 1.78 | 0.434 | 0.449 | 0.457 | 2.14 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.8
MAXIMUM DAILY, 53.2 ON APR 27
MINIMUM DAILY, 0.434 ON SEP 29
MAXIMUM INSTANTANEOUS,
53.9 AT 11:30 CST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 20 N
LONG 93 29 00 W
DRAINAGE AREA, 4 920 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 39 900 | JUL | 31 800 |
| FEB | 33 100 | AUG | 20 500 |
| MAR | 38 000 | SEP | 1 850 |
| APR | 85 600 | OCT | 1 270 |
| MAY | 58 500 | NOV | 4 880 |
| JUN | 48 800 | DEC | 6 420 |

TOTAL DISCHARGE, 371 000 dam³

## CLYDE RIVER AT GORDON RAPIDS - STATION NO. 02KF013

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.96 | 1.37 | 1.02 | 22.9 | 3.67 | 2.19 | 1.38 | 0.609 | 0.134 | 0.080 | 0.208 | 2.58 | 1 |
| 2 | 1.87 | 1.43 | 1.07 | 26.0 | 3.62 | 2.38 | 1.35 | 0.624 | 0.131 | 0.056 | 0.248 | 3.04 | 2 |
| 3 | 1.89 | 1.42 | 1.06 | 23.9 | 3.57 | 2.36 | 1.30 | 0.613 | 0.111 | 0.070 | 0.310 | 3.04 | 3 |
| 4 | 1.82 | 1.35 | 1.06 | 22.3 | 3.41 | 2.44 | 1.23 | 0.536 | 0.098 | 0.056 | 0.343 | 2.88 | 4 |
| 5 | 1.74 | 1.32 | 1.07 | 33.6 | 3.38 | 2.16 | 1.16 | 0.485 | 0.083 | 0.054 | 0.404 | 2.81 | 5 |
| 6 | 1.72 | 1.34 | 1.07 | 40.3 | 3.35 | 2.07 | 1.11 | 0.430 | 0.078 | 0.054 | 0.481 | 2.75 | 6 |
| 7 | 1.72 | 1.38 | 1.10 | 40.2 | 3.17 | 1.95 | 1.07 | 0.402 | 0.085 | 0.057 | 0.480 | 2.75 | 7 |
| 8 | 1.69 | 1.44 | 1.20 | 36.3 | 2.95 | 2.11 | 1.00 | 0.383 | 0.087 | 0.063 | 0.458 | 2.73 | 8 |
| 9 | 1.62 | 1.57 | 1.40 | 31.1 | 2.71 | 2.38 | 0.958 | 0.313 | 0.103 | 0.055 | 0.505 | 2.85 | 9 |
| 10 | 1.69 | 1.60 | 1.46 | 25.4 | 2.45 | 2.61 | 0.894 | 0.320 | 0.105 | 0.058 | 0.503 | 3.89 | 10 |
| 11 | 1.70 | 1.69 | 1.46 | 21.0 | 2.39 | 2.84 | 0.832 | 0.274 | 0.089 | 0.059 | 0.488 | 4.83 | 11 |
| 12 | 1.71 | 1.84 | 1.44 | 17.0 | 2.28 | 3.11 | 0.828 | 0.245 | 0.088 | 0.059 | 0.484 | 5.27 | 12 |
| 13 | 1.72 | 1.88 | 1.39 | 13.4 | 2.18 | 3.15 | 0.798 | 0.219 | 0.100 | 0.052 | 0.474 | 5.24 | 13 |
| 14 | 1.69 | 1.78 | 1.41 | 12.2 | 2.09 | 3.21 | 0.800 | 0.215 | 0.100 | 0.054 | 0.475 | 5.18 | 14 |
| 15 | 1.72 | 1.58 | 1.34 | 11.5 | 2.17 | 3.07 | 0.853 | 0.203 | 0.079 | 0.055 | 0.474 | 5.18 | 15 |
| 16 | 1.83 | 1.46 | 1.34 | 8.87 | 2.02 | 2.65 | 0.863 | 0.188 | 0.072 | 0.056 | 0.454 | 5.28 | 16 |
| 17 | 1.58 | 1.42 | 1.27 | 8.16 | 2.04 | 2.59 | 0.896 | 0.181 | 0.071 | 0.056 | 0.478 | 5.37 | 17 |
| 18 | 1.64 | 1.30 | 1.22 | 6.57 | 2.04 | 2.42 | 1.02 | 0.142 | 0.091 | 0.053 | 0.646 | 5.22 | 18 |
| 19 | 1.50 | 1.28 | 1.24 | 5.47 | 2.00 | 2.14 | 0.863 | 0.155 | 0.089 | 0.052 | 0.790 | 4.89 | 19 |
| 20 | 1.49 | 1.23 | 1.23 | 4.96 | 1.94 | 2.00 | 0.938 | 0.157 | 0.090 | 0.052 | 0.888 | 4.93 | 20 |
| 21 | 1.52 | 1.13 | 1.27 | 4.58 | 1.99 | 1.84 | 0.891 | 0.148 | 0.104 | 0.055 | 0.890 | 4.88 | 21 |
| 22 | 1.51 | 1.08 | 1.38 | 4.16 | 2.04 | 1.63 | 0.847 | 0.130 | 0.101 | 0.057 | 0.800 | 4.77 | 22 |
| 23 | 1.51 | 1.07 | 1.70 | 4.02 | 2.00 | 1.53 | 0.784 | 0.127 | 0.086 | 0.054 | 0.887 | 4.65 | 23 |
| 24 | 1.53 | 1.05 | 2.44 | 3.81 | 2.02 | 1.39 | 0.713 | 0.118 | 0.079 | 0.068 | 0.855 | 4.45 | 24 |
| 25 | 1.47 | 1.06 | 3.38 | 3.86 | 1.93 | 1.20 | 0.782 | 0.117 | 0.077 | 0.055 | 0.918 | 4.30 | 25 |
| 26 | 1.49 | 1.02 | 5.47 | 3.43 | 1.91 | 1.15 | 0.913 | 0.118 | 0.088 | 0.057 | 1.03 | 4.13 | 26 |
| 27 | 1.44 | 0.997 | 8.67 | 3.26 | 1.87 | 1.23 | 0.852 | 0.112 | 0.082 | 0.084 | 1.08 | 3.93 | 27 |
| 28 | 1.42 | 0.998 | 10.0 | 3.19 | 1.88 | 1.20 | 0.724 | 0.108 | 0.088 | 0.128 | 1.15 | 3.79 | 28 |
| 29 | 1.37 | | 11.4 | 3.34 | 1.94 | 1.24 | 0.669 | 0.125 | 0.077 | 0.149 | 1.40 | 3.58 | 29 |
| 30 | 1.37 | | 13.7 | 3.70 | 1.85 | 1.36 | 0.658 | 0.135 | 0.086 | 0.169 | 2.09 | 3.31 | 30 |
| 31 | 1.40 | | 16.2 | | 1.86 | | 0.611 | 0.139 | | 0.198 | | 3.02 | 31 |
| TOTAL | 50.01 | 38.048 | 102.46 | 449.38 | 72.73 | 63.90 | 29.117 | 8.031 | 2.708 | 2.245 | 20.620 | 125.63 | TOTAL |
| MEAN | 1.61 | 1.36 | 3.31 | 15.0 | 2.35 | 2.13 | 0.939 | 0.259 | 0.090 | 0.072 | 0.687 | 4.05 | MEAN |
| MAX | 1.96 | 1.88 | 16.2 | 40.3 | 3.67 | 3.21 | 1.38 | 0.624 | 0.134 | 0.198 | 2.09 | 5.37 | MAX |
| MIN | 1.37 | 0.997 | 1.02 | 3.19 | 1.37 | 1.15 | 0.611 | 0.108 | 0.082 | 0.052 | 0.208 | 2.58 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.64
MAXIMUM DAILY, 40.3 ON APR 6
MINIMUM DAILY, 0.052 ON OCT 13
MAXIMUM INSTANTANEOUS,
40.8 AT 20:57 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 06 04 N
LONG 76 37 52 W
DRAINAGE AREA, 280 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 320 | JUL | 2 520 |
| FEB | 3 290 | AUG | 694 |
| MAR | 8 850 | SEP | 234 |
| APR | 38 800 | OCT | 194 |
| MAY | 5 280 | NOV | 1 780 |
| JUN | 5 520 | DEC | 10 800 |

TOTAL DISCHARGE 83 400 dam³

## CLYDE RIVER NEAR LANARK - STATION NO 02KF010

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.008 | 3.108 | 2.308 | 52.1 | 10.9 | 4.34 | 2.46 | 0.794 | 0.140E | 0.205E | 0.880E | 9.54 | 1 |
| 2 | 4.908 | 3.038 | 2.328 | 53.0 | 10.4 | 4.43 | 2.22 | 0.757 | 0.150E | 0.211A | 0.900E | 9.90 | 2 |
| 3 | 4.608 | 2.988 | 2.368 | 50.9 | 9.45 | 4.44 | 2.16 | 0.773 | 0.160E | 0.240E | 0.914A | 9.83 | 3 |
| 4 | 4.588 | 2.968 | 2.388 | 47.4 | 8.70 | 4.54 | 2.33 | 0.785 | 0.165E | 0.270E | 0.960E | 9.47 | 4 |
| 5 | 4.508 | 2.958 | 2.408 | 60.5 | 7.92 | 4.45 | 2.22 | 0.736 | 0.175E | 0.300E | 1.04 E | 8.88 | 5 |
| 6 | 4.408 | 2.908 | 2.448 | 86.2 | 7.38 | 4.18 | 1.98 | 0.684 | 0.200E | 0.370E | 1.05 E | 8.43 | 6 |
| 7 | 4.308 | 2.868 | 2.478 | 90.9 | 7.16 | 3.95 | 1.86 | 0.648 | 0.265E | 0.440E | 1.05 E | 8.43 | 7 |
| 8 | 4.258 | 2.858 | 2.518 | 81.7 | 6.44 | 4.05 | 1.77 | 0.625 | 0.210E | 0.500E | 1.07 E | 7.96 | 8 |
| 9 | 4.228 | 2.548 | 2.758 | 68.0 | 5.87 | 5.45 | 1.73 | 0.629 | 0.180E | 0.580E | 1.08 E | 7.87 | 9 |
| 10 | 4.208 | 3.078 | 3.058 | 56.5 | 6.71 | 6.00 | 1.65 | 0.805 | 0.145E | 0.630E | 1.10 E | 8.84 | 10 |
| 11 | 4.208 | 3.028 | 3.658 | 46.2 | 5.46 | 5.75 | 1.42 | 0.551 | 0.160E | 0.500E | 1.06 E | 10.3 | 11 |
| 12 | 4.208 | 3.048 | 3.708 | 38.7 | 5.30 | 5.61 | 1.30 | 0.484 | 0.190E | 0.470E | 1.04 E | 10.9 | 12 |
| 13 | 4.228 | 3.048 | 3.688 | 32.4 | 4.88 | 5.68 | 1.22 | 0.392 | 0.235E | 0.450E | 1.03 E | 11.2 | 13 |
| 14 | 4.228 | 3.048 | 3.608 | 26.2 | 4.61 | 5.12 | 1.34 | 0.328 | 0.295E | 0.440E | 1.02 E | 10.8 | 14 |
| 15 | 4.228 | 3.008 | 3.578 | 23.4 | 5.27 | 5.63 | 1.64 | 0.285 | 0.250E | 0.430E | 1.02 E | 10.4 | 15 |
| 16 | 4.208 | 2.958 | 3.308 | 20.7 | 5.28 | 5.09 | 1.46 | 0.345 | 0.230E | 0.410E | 1.10 E | 10.8 | 16 |
| 17 | 4.188 | 2.908 | 3.058 | 17.7 | 4.95 | 4.61 | 1.41 | 0.357 | 0.220E | 0.400E | 1.25 E | 11.7 | 17 |
| 18 | 4.108 | 2.858 | 2.888 | 15.4 | 4.91 | 4.04 | 1.40 | 0.233 | 0.260E | 0.900E | 2.70 E | 12.4 | 18 |
| 19 | 4.008 | 2.758 | 2.808 | 13.7 | 4.89 | 3.67 | 1.40 | 0.190 | 0.320E | 0.600E | 3.40 E | 11.1 | 19 |
| 20 | 3.858 | 2.678 | 2.788 | 12.2 | 4.43 | 3.31 | 1.32 | 0.147 | 0.380E | 0.720E | 3.30 A | 10.6 | 20 |
| 21 | 3.788 | 2.628 | 2.608 | 10.9 | 4.38 | 2.84 | 1.37 | 0.142 | 0.370E | 0.650E | 3.05 E | 10.8 | 21 |
| 22 | 3.708 | 2.578 | 2.808 | 9.31 | 4.27 | 2.69 | 1.29 | 0.130 | 0.380E | 0.620E | 2.95 E | 10.8 | 22 |
| 23 | 3.658 | 2.528 | 4.408 | 9.27 | 4.40 | 2.67 | 1.09 | 0.123 | 0.390E | 0.600E | 2.90 E | 10.3 | 23 |
| 24 | 3.608 | 2.488 | 5.008 | 9.24 | 4.28 | 2.31 | 0.985 | 0.121 | 0.387A | 0.740E | 3.10 E | 10.0 | 24 |
| 25 | 3.558 | 2.438 | 5.008 | 8.96 | 3.99 | 2.12 | 1.09 | 0.120E | 0.375E | 0.780E | 3.45 E | 9.89 | 25 |
| 26 | 3.458 | 2.408 | 14.0 B | 8.68 | 3.72 | 2.05 | 1.37 | 0.116E | 0.370E | 0.780E | 4.00 E | 9.86 | 26 |
| 27 | 3.408 | 2.358 | 27.1 | 8.10 | 3.41 | 2.13 | 1.45 | 0.113E | 0.500E | 0.780E | 4.50 E | 9.608 | 27 |
| 28 | 3.358 | 2.328 | 31.3 | 8.49 | 3.60 | 2.22 | 1.25 | 0.112E | 0.180E | 0.770E | 5.20 | 9.308 | 28 |
| 29 | 3.278 | | 33.3 | 10.1 | 4.47 | 2.36 | 1.07 | 0.118E | 0.185E | 0.790E | 5.10 | 9.108 | 29 |
| 30 | 3.228 | | 35.7 | 11.3 | 4.30 | 2.55 | 0.943 | 0.123E | 0.195E | 0.800E | 5.45 | 8.708 | 30 |
| 31 | 3.158 | | 43.4 | | 4.06 | | 0.884 | 0.130E | | 0.830E | | 8.508 | 31 |
| TOTAL | 124.76 | 78.80 | 266.56 | 988.85 | 174.61 | 121.19 | 46.632 | 11.884 | 7.632 | 17.326 | 70.884 | 305.90 | TOTAL |
| MEAN | 4.02 | 2.81 | 8.60 | 33.0 | 5.63 | 4.04 | 1.51 | 0.375 | 0.254 | 0.559 | 2.36 | 9.87 | MEAN |
| MAX | 5.00 | 3.10 | 43.4 | 90.9 | 10.9 | 6.68 | 2.46 | 0.795 | 0.500 | 0.800 | 5.45 | 12.4 | MAX |
| MIN | 3.15 | 2.32 | 2.30 | 8.10 | 3.41 | 2.05 | 0.884 | 0.112 | 0.140 | 0.205 | 0.880 | 7.87 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 6.07
MAXIMUM DAILY 90.9 ON APR 7
MINIMUM DAILY 0.112E ON AUG 28
MAXIMUM INSTANTANEOUS
93.1 AT 01 33 EST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 02 45 N
LONG 76 24 03 W
DRAINAGE AREA 614 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 10 800 | JUL | 4 050 |
| FEB | 6 780 | AUG | 1 010 |
| MAR | 23 000 | SEP | 858 |
| APR | 85 500 | OCT | 1 500 |
| MAY | 15 100 | NOV | 6 110 |
| JUN | 10 500 | DEC | 26 400 |

TOTAL DISCHARGE, 191 000 dam³

## COLD CREEK AT ORLAND - STATION NO 02HK007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.008 | 1.588 | 3.008 | 10.5 | 2.67 | 1.36 | 1.27 | 0.789 | 1.86 | 1.40 | 1.24 | 4.73 | 1 |
| 2 | 1.998 | 1.618 | 4.788 | 7.82 | 2.23 | 1.25 | 1.26 | 0.852 | 1.25 | 1.26 | 1.32 | 2.96 | 2 |
| 3 | 1.988 | 1.808 | 4.408 | 7.89 | 1.90 | 1.37 | 1.58 | 1.25 | 0.985 | 1.37 | 1.19 | 2.02 | 3 |
| 4 | 1.978 | 1.588 | 3.708 | 8.97 | 1.81 | 1.43 | 2.02 | 1.11 | 0.839 | 1.24 | 1.36 | 1.96 | 4 |
| 5 | 1.968 | 1.588 | 3.408 | 16.4 | 1.86 | 1.23 | 1.54 | 0.995 | 0.809 | 1.07 | 1.29 | 1.81 B | 5 |
| 6 | 1.958 | 1.558 | 3.238 | 13.4 | 1.81 | 1.22 | 1.23 | 0.848 | 0.802 | 1.01 | 1.15 | 1.25 B | 6 |
| 7 | 1.928 | 1.548 | 3.508 | 8.99 | 1.54 | 1.32 | 1.04 | 0.841 | 0.779 | 1.43 | 1.11 | 1.19 B | 7 |
| 8 | 1.888 | 1.538 | 6.908 | 5.16 | 1.81 | 2.34 | 1.01 | 1.08 | 1.28 | 2.00 | 1.42 | 1.41 B | 8 |
| 9 | 1.868 | 1.588 | 7.008 | 4.04 | 1.49 | 3.13 | 0.986 | 1.42 | 2.44 | 1.61 | 2.53 | 1.71 | 9 |
| 10 | 1.858 | 1.728 | 5.408 | 3.42 | 1.42 | 1.84 | 0.991 | 2.04 | 1.79 | 1.37 | 2.06 | 2.35 | 10 |
| 11 | 1.838 | 1.588 | 4.208 | 3.07 | 1.45 | 1.46 | 0.877 | 1.43 | 1.31 | 1.18 | 1.58 | 2.14 | 11 |
| 12 | 1.818 | 1.528 | 3.408 | 2.80 | 1.50 | 1.59 | 0.972 | 1.07 | 1.65 | 1.02 | 1.37 | 2.16 | 12 |
| 13 | 1.798 | 1.518 | 2.858 | 2.85 | 1.40 | 1.76 | 1.00 | 0.812 | 1.88 | 0.992 | 1.32 | 2.24 | 13 |
| 14 | 1.848 | 1.508 | 2.758 | 2.68 | 1.38 | 2.51 | 2.53 | 0.904 | 1.46 | 0.982 | 1.32 | 1.86 | 14 |
| 15 | 1.908 | 1.498 | 2.708 | 2.70 | 1.48 | 1.82 | 2.93 | 0.881 | 1.23 | 0.971 | 1.31 | 1.72 B | 15 |
| 16 | 1.858 | 1.488 | 2.608 | 2.38 | 1.37 | 1.31 | 1.90 | 0.839 | 1.07 | 0.935 | 1.27 | 2.32 B | 16 |
| 17 | 1.808 | 1.478 | 2.958 | 2.28 | 1.34 | 1.16 | 1.56 | 0.743 | 1.00 | 0.935 | 1.25 | 2.48 | 17 |
| 18 | 1.778 | 1.468 | 3.208 | 2.22 | 1.31 | 1.13 | 1.37 | 0.779 | 0.984 | 1.05 | 2.29 | 1.86 B | 18 |
| 19 | 1.738 | 1.458 | 3.758 | 2.17 | 1.30 | 1.02 | 1.32 | 0.833 | 1.10 | 1.03 | 2.00 | 1.72 B | 19 |
| 20 | 1.708 | 1.458 | 4.308 | 2.01 | 1.22 | 1.04 | 1.44 | 0.992 | 1.61 | 1.01 | 1.82 | 3.07 | 20 |
| 21 | 1.698 | 1.468 | 4.31 | 1.91 | 1.22 | 0.966 | 1.40 | 0.818 | 3.10 | 1.05 | 1.128 | 5.90 | 21 |
| 22 | 1.668 | 1.488 | 5.42 | 1.79 | 1.47 | 1.15 | 1.19 | 0.777 | 1.68 | 1.04 | 1.038 | 4.04 | 22 |
| 23 | 1.678 | 1.638 | 5.52 | 1.79 | 1.69 | 1.60 | 1.10 | 0.740 | 1.33 | 1.37 | 1.06 | 3.96 | 23 |
| 24 | 1.668 | 1.468 | 5.71 | 1.93 | 1.50 | 1.35 | 1.07 | 0.640 | 1.13 | 1.56 | 1.26 | 2.44 | 24 |
| 25 | 1.658 | 1.438 | 5.18 | 1.99 | 1.47 | 1.15 | 1.06 | 0.607 | 0.958 | 1.84 | 1.52 | 3.15 | 25 |
| 26 | 1.648 | 1.438 | 7.03 | 1.71 | 1.43 | 1.56 | 1.02 | 0.630 | 0.870 | 1.51 | 2.66 | 3.44 B | 26 |
| 27 | 1.638 | 1.438 | 5.84 | 1.68 | 1.54 | 2.00 | 0.940 | 0.639 | 0.958 | 1.34 | 2.33 | 1.70 B | 27 |
| 28 | 1.628 | 1.448 | 4.54 | 4.22 | 1.51 | 1.57 | 0.887 | 0.658 | 1.32 | 1.48 | 1.83 | 1.36 B | 28 |
| 29 | 1.618 | | 3.90 | 4.12 | 1.38 | 1.60 | 0.813 | 1.05 | 1.32 | 1.39 | 4.05 | 1.15 B | 29 |
| 30 | 1.608 | | 4.70 | 3.37 | 1.33 | 1.34 | 0.876 | 1.03 | 1.76 | 1.29 | 3.17 | 1.05 B | 30 |
| 31 | 1.598 | | 13.8 | | 1.31 | | 0.878 | 1.12 | | 1.24 | | 0.9608 | 31 |
| TOTAL | 55.42 | 42.66 | 145.17 | 136.05 | 47.42 | 45.288 | 40.140 | 29.288 | 39.034 | 38.935 | 54.87 | 71.110 | TOTAL |
| MEAN | 1.79 | 1.52 | 4.68 | 4.54 | 1.53 | 1.51 | 1.29 | 0.945 | 1.30 | 1.26 | 1.83 | 2.29 | MEAN |
| MAX | 2.00 | 1.80 | 13.8 | 18.4 | 2.67 | 3.13 | 2.93 | 2.04 | 3.44 | 2.00 | 5.13 | 5.90 | MAX |
| MIN | 1.58 | 1.43 | 2.70 | 1.68 | 1.22 | 0.966 | 0.813 | 0.607 | 0.779 | 0.935 | 1.03 | 0.860 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2.04
MAXIMUM DAILY 18.4 ON APR 6
MINIMUM DAILY 0.607 ON AUG 25
MAXIMUM INSTANTANEOUS
17.9 AT 07 04 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE RECORDING
LOCATION LAT 44 08 04 N
LONG 77 47 17 W
DRAINAGE AREA 159 km²
B ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 780 | JUL | 3 470 |
| FEB | 3 690 | AUG | 2 530 |
| MAR | 12 500 | SEP | 3 370 |
| APR | 11 800 | OCT | 3 380 |
| MAY | 4 100 | NOV | 4 740 |
| JUN | 3 910 | DEC | 6 140 |

TOTAL DISCHARGE, 64 400 dam³

## COLD CREEK NEAR BOLTON · STATION NO 02HC023

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.456 | 0.3198 | 0.512 | 1.25 | 0.313 | 0.375 | 0.246 | 0.227 | 0.230 | 0.256 | 0.279 | 0.688 | 1 |
| 2 | 0.457 | 0.3208 | 0.869 | 1.42 | 0.303 | 0.330 | 0.244 | 0.317 | 0.227 | 0.254 | 0.292 | 0.476 | 2 |
| 3 | 0.449 | 0.3358 | 0.825 | 1.27 | 0.300 | 0.270 | 0.274 | 0.258 | 0.226 | 0.259 | 0.280 | 0.409 | 3 |
| 4 | 0.3608 | 0.3258 | 0.7808 | 1.50 | 0.302 | 0.285 | 0.256 | 0.239 | 0.223 | 0.247 | 0.278 | 0.369 | 4 |
| 5 | 0.3758 | 0.3208 | 0.648 | 8.58 | 0.302 | 0.285 | 0.250 | 0.244 | 0.221 | 0.268 | 0.274 | 0.331 | 5 |
| 6 | 0.370 | 0.3088 | 0.681 | 5.37 | 0.278 | 0.286 | 0.378 | 0.252 | 0.235 | 0.268 | 0.278 | 0.326 | 6 |
| 7 | 0.380 | 0.3008 | 3.56 | 2.63 | 0.285 | 0.287 | 0.338 | 0.263 | 0.238 | 0.313 | 0.274 | 0.331 | 7 |
| 8 | 0.381 | 0.3508 | 7.82 | 1.86 | 0.276 | 0.317 | 0.308 | 0.244 | 0.231 | 0.323 | 0.288 | 0.312 | 8 |
| 9 | 0.375 | 0.3358 | 4.90 | 1.21 | 0.277 | 0.270 | 0.286 | 0.445 | 0.240 | 0.289 | 0.303 | 0.478 | 9 |
| 10 | 0.373 | 0.3288 | 2.66 B | 0.955 | 0.281 | 0.247 | 0.275 | 0.275 | 0.231 | 0.258 | 0.292 | 0.513 | 10 |
| 11 | 0.368 | 0.3208 | 2.00 B | 0.752 | 0.295 | 0.245 | 0.278 | 0.236 | 0.230 | 0.259 | 0.292 | 0.438 | 11 |
| 12 | 0.395 | 0.3158 | 1.07 | 0.756 | 0.291 | 0.351 | 0.270 | 0.228 | 0.234 | 0.281 | 0.303 | 0.445 | 12 |
| 13 | 0.392 | 0.3108 | 0.9118 | 0.788 | 0.289 | 0.514 | 0.256 | 0.222 | 0.240 | 0.255 | 0.307 | 0.403 | 13 |
| 14 | 0.380 | 0.3058 | 0.781 | 0.643 | 0.312 | 0.323 | 0.481 | 0.228 | 0.234 | 0.245 | 0.303 | 0.388 | 14 |
| 15 | 0.428 | 0.3008 | 0.736 | 0.691 | 0.358 | 0.278 | 0.295 | 0.210 | 0.223 | 0.245 | 0.292 | 0.413 | 15 |
| 16 | 0.443 | 0.2958 | 0.759 | 0.608 | 0.304 | 0.255 | 0.271 | 0.220 | 0.227 | 0.251 | 0.280 | 0.484 | 16 |
| 17 | 0.3588 | 0.2928 | 0.791 | 0.618 | 0.302 | 0.270 | 0.254 | 0.251 | 0.258 | 0.268 | 0.388 | 0.380 | 17 |
| 18 | 0.373 | 0.2908 | 0.826 | 0.489 | 0.288 | 0.262 | 0.251 | 0.234 | 0.275 | 0.289 | 0.416 | 0.332 | 18 |
| 19 | 0.3768 | 0.2888 | 0.967 | 0.576 | 0.304 | 0.232 | 0.253 | 0.235 | 0.258 | 0.285 | 0.323 | 0.352 | 19 |
| 20 | 0.3788 | 0.2858 | 1.03 | 0.422 | 0.313 | 0.235 | 0.314 | 0.228 | 0.263 | 0.268 | 0.306 | 0.711 | 20 |
| 21 | 0.3808 | 0.2878 | 1.06 | 0.388 | 0.317 | 0.235 | 0.251 | 0.228 | 0.608 | 0.260 | 0.2908 | 0.819 | 21 |
| 22 | 0.3758 | 0.283 | 1.15 | 0.348 | 0.305 | 0.435 | 0.243 | 0.230 | 0.307 | 0.268 | 0.2858 | 0.560 | 22 |
| 23 | 0.3718 | 0.284 | 1.18 | 0.340 | 0.294 | 0.283 | 0.243 | 0.226 | 0.250 | 0.312 | 0.280 | 0.438 | 23 |
| 24 | 0.3708 | 0.287 | 1.09 | 0.339 | 0.281 | 0.252 | 0.235 | 0.223 | 0.238 | 0.403 | 0.323 | 0.404 | 24 |
| 25 | 0.3628 | 0.2958 | 1.07 | 0.319 | 0.279 | 0.243 | 0.239 | 0.228 | 0.233 | 0.389 | 0.414 | 0.801 | 25 |
| 26 | 0.3528 | 0.278 | 1.27 | 0.324 | 0.313 | 0.286 | 0.234 | 0.225 | 0.237 | 0.378 | 0.530 | 0.738 | 26 |
| 27 | 0.3488 | 0.272 | 1.07 | 0.327 | 0.319 | 0.289 | 0.232 | 0.233 | 0.269 | 0.506 | 0.376 | 0.436 | 27 |
| 28 | 0.3408 | 0.282 | 0.943 | 0.367 | 0.301 | 0.253 | 0.230 | 0.233 | 0.302 | 0.357 | 0.419 | 0.385 | 28 |
| 29 | 0.3358 |  | 0.845 | 0.353 | 0.294 | 0.249 | 0.228 | 0.231 | 0.256 | 0.312 | 1.10 | 0.3298 | 29 |
| 30 | 0.3308 |  | 1.59 | 0.348 | 0.284 | 0.242 | 0.229 | 0.216 | 0.263 | 0.297 | 1.01 | 0.2788 | 30 |
| 31 | 0.3208 |  | 1.38 |  | 0.295 |  | 0.233 | 0.225 |  | 0.281 |  | 0.2688 | 31 |
| TOTAL | 11.788 | 8.510 | 45.734 | 35.479 | 9.255 | 8.557 | 8.389 | 7.544 | 7.691 | 8.976 | 11.042 | 13.984 | TOTAL |
| MEAN | 0.380 | 0.304 | 1.48 | 1.18 | 0.299 | 0.285 | 0.271 | 0.243 | 0.256 | 0.290 | 0.368 | 0.451 | MEAN |
| MAX | 0.457 | 0.350 | 7.82 | 8.58 | 0.358 | 0.514 | 0.481 | 0.445 | 0.608 | 0.506 | 1.10 | 0.819 | MAX |
| MIN | 0.320 | 0.272 | 0.512 | 0.319 | 0.278 | 0.232 | 0.228 | 0.210 | 0.221 | 0.245 | 0.272 | 0.288 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.485
MAXIMUM DAILY 8.58 ON APR 5
MINIMUM DAILY 0.210 ON AUG 15
MAXIMUM INSTANTANEOUS
13.0 AT 19 42 EST ON MAR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 25 N
LONG 79 43 12 W
DRAINAGE AREA 82.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 030 | JUL | 725 |
| FEB | 735 | AUG | 852 |
| MAR | 3 950 | SEP | 665 |
| APR | 3 070 | OCT | 776 |
| MAY | 800 | NOV | 954 |
| JUN | 739 | DEC | 1 210 |

TOTAL DISCHARGE 15 300 dam³

## COLDWATER RIVER AT COLDWATER · STATION NO 02ED007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.11 | 1.11 B | 1.508 | 5.97 | 2.04E | 1.40 | 1.25 | 0.926 | 1.03 | 1.50 | 1.50 | 4.52 | 1 |
| 2 | 2.07 | 1.14 B | 4.008 | 5.50 | 1.98E | 2.11 | 1.13 | 1.01 | 0.987 | 1.39 | 1.41 | 3.01 | 2 |
| 3 | 1.93 | 1.17 B | 2.808 | 5.62 | 1.94E | 1.67 | 1.23 | 1.45 | 0.955 | 1.26 | 1.51 | 2.37 | 3 |
| 4 | 1.908 | 1.20 B | 2.028 | 4.82 | 1.95E | 1.40 | 2.23 | 1.09 | 0.940 | 1.18 | 1.81 | 2.09 | 4 |
| 5 | 1.848 | 1.14 B | 1.788 | 14.8 | 1.81E | 1.29 | 1.37 | 0.963 | 0.938 | 1.16 | 2.44 | 1.88 | 5 |
| 6 | 1.798 | 1.17 B | 1.708 | 12.0 | 1.74E | 1.24 | 1.24 | 0.963 | 0.947 | 1.18 | 2.70 | 1.708 | 6 |
| 7 | 1.758 | 1.27 B | 3.008 | 7.38 | 1.74E | 1.44 | 1.26 | 0.988 | 0.917 | 1.34 | 2.29 | 1.658 | 7 |
| 8 | 1.728 | 1.25 B | 5.208 | 4.97 | 1.71E | 1.78 | 1.61 | 1.08 | 0.950 | 1.54 | 3.22 | 1.67 | 8 |
| 9 | 1.708 | 1.15 B | 6.008 | 4.14 | 1.70E | 1.63 | 1.28 | 1.09 | 0.966 | 1.33 | 5.26 | 2.89 | 9 |
| 10 | 1.698 | 1.09 B | 4.408 | 3.87 | 1.65E | 1.40 | 1.14 | 1.22 | 0.943 | 1.28 | 3.07 | 4.98 | 10 |
| 11 | 1.678 | 1.04 B | 3.808 | 3.36 | 1.61E | 1.34 | 1.08 | 1.09 | 0.928 | 1.20 | 2.22 | 3.56 | 11 |
| 12 | 1.678 | 1.01 B | 3.508 | 3.14 | 1.62E | 1.50 | 1.04 | 1.00 | 0.935 | 1.21 | 1.89 | 3.04 | 12 |
| 13 | 1.688 | 0.9858 | 3.108 | 3.04 | 1.59A | 1.59 | 1.02 | 0.977 | 0.958 | 1.20 | 2.09 | 3.46 | 13 |
| 14 | 1.698 | 0.9658 | 2.828 | 3.08 | 1.57 | 1.38 | 1.09 | 0.983 | 0.934 | 1.19 | 2.20 | 3.46 | 14 |
| 15 | 1.708 | 0.9458 | 2.608 | 3.03 | 2.15 | 1.24 | 1.80 | 1.05 | 0.930 | 1.16 | 1.90 | 2.63 | 15 |
| 16 | 1.688 | 0.9308 | 2.408 | 3.04 | 1.72 | 1.14 | 1.33 | 0.971 | 0.938 | 1.21 | 1.70 | 2.51 | 16 |
| 17 | 1.648 | 0.9208 | 2.41E | 2.98 | 1.56 | 1.10 | 1.19 | 0.951 | 0.955 | 1.23 | 1.67 | 2.24 | 17 |
| 18 | 1.558 | 0.9108 | 2.43E | 2.70 | 1.48 | 1.11 | 1.10 | 0.977 | 1.12 | 1.38 | 1.69 | 2.138 | 18 |
| 19 | 1.498 | 0.9008 | 2.54E | 2.59 | 1.44 | 1.10 | 0.997 | 0.910 | 1.12 | 1.35 | 1.71 | 2.068 | 19 |
| 20 | 1.428 | 0.9008 | 3.45 | 2.58 | 1.45 | 1.08 | 1.67 | 0.921 | 1.26 | 1.34 | 1.86 | 2.30 | 20 |
| 21 | 1.388 | 0.9408 | 4.53 | 2.41A | 1.35 | 1.08 | 1.48 | 0.853 | 1.61 | 1.38 | 1.488 | 3.47 | 21 |
| 22 | 1.328 | 1.00 B | 5.58 | 2.30E | 1.70 | 1.12 | 1.26 | 1.11 | 1.85 | 1.34 | 1.408 | 3.09 | 22 |
| 23 | 1.288 | 0.9858 | 9.49 | 2.26E | 1.75 | 1.20 | 1.11 | 1.04 | 1.38 | 1.78 | 1.38 | 2.63 | 23 |
| 24 | 1.248 | 0.9408 | 12.1 | 2.18E | 1.53 | 1.09 | 1.06 | 0.937 | 1.23 | 1.84 | 1.57 | 2.40 | 24 |
| 25 | 1.208 | 0.8908 | 13.6 | 2.08E | 1.48 | 1.07 | 1.05 | 0.986 | 1.14 | 2.68 | 1.848 | 4.08 | 25 |
| 26 | 1.168 | 0.8858 | 16.5 | 2.04E | 1.54 | 1.12 | 0.974 | 0.932 | 1.09 | 2.02 | 1.628 | 4.36 | 26 |
| 27 | 1.138 | 0.8858 | 11.4 | 2.04E | 1.73 | 1.16 | 0.943 | 0.903 | 1.07 | 2.03 | 1.608 | 2.88 | 27 |
| 28 | 1.118 | 0.9008 | 7.32 | 2.11E | 1.56 | 1.33 | 0.929 | 0.919 | 1.31 | 2.81 | 1.80 | 2.278 | 28 |
| 29 | 1.098 |  | 6.79 | 2.08E | 1.36 | 1.33 | 0.924 | 0.957 | 1.24 | 2.04 | 2.55 | 1.828 | 29 |
| 30 | 1.088 |  | 11.4 | 2.04E | 1.30 | 1.57 | 0.952 | 0.951 | 1.39 | 1.70 | 5.16 | 1.608 | 30 |
| 31 | 1.098 |  | 9.50 |  | 1.27 |  | 0.918 | 1.03 |  | 1.54 |  | 1.458 | 31 |
| TOTAL | 47.77 | 28.620 | 170.65 | 118.72 | 51.07 | 38.93 | 38.517 | 31.210 | 32.982 | 46.76 | 64.04 | 84.30 | TOTAL |
| MEAN | 1.54 | 1.02 | 5.51 | 3.89 | 1.65 | 1.33 | 1.24 | 1.01 | 1.10 | 1.51 | 2.13 | 2.72 | MEAN |
| MAX | 2.11 | 1.27 | 16.5 | 14.8 | 2.15 | 2.11 | 2.23 | 1.45 | 1.85 | 2.81 | 5.26 | 4.98 | MAX |
| MIN | 1.08 | 0.885 | 1.50 | 2.04 | 1.27 | 1.05 | 0.918 | 0.853 | 0.917 | 1.16 | 1.38 | 1.45 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2.07
MAXIMUM DAILY 16.5 ON MAR 26
MINIMUM DAILY 0.853 ON AUG 21
MAXIMUM INSTANTANEOUS
18.0 AT 18 19 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 26 N
LONG 79 38 37 W
DRAINAGE AREA 177 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 130 | JUL | 3 330 |
| FEB | 2 470 | AUG | 3 700 |
| MAR | 14 700 | SEP | 2 850 |
| APR | 10 300 | OCT | 4 040 |
| MAY | 4 410 | NOV | 5 530 |
| JUN | 3 450 | DEC | 7 280 |

TOTAL DISCHARGE 65 200 dam³

## COLLINS CREEK NEAR KINGSTON - STATION NO. 02HM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.42 | 0.715B | 0.808B | 16.6 | 1.72 A | 0.280 | 0.158 | 0.005 | 0.014 | 0.273 | 1.05 | 29.7 | 1 |
| 2 | 3.15 B | 0.706B | 2.15 B | 14.2 | 1.66 A | 0.303 | 0.134 | 0.005 | 0.011 | 0.300 | 0.960 | 19.2 | 2 |
| 3 | 2.86 B | 0.695B | 3.05 B | 11.7 | 1.57 A | 0.345 | 0.142 | 0.005 | 0.007 | 0.380 | 1.02 | 12.7 | 3 |
| 4 | 2.65 B | 0.685B | 3.55 B | 11.6 | 1.49 A | 0.385 | 0.142 | 0.005 | 0.007 | 0.438 | 1.33 | 9.56 | 4 |
| 5 | 2.45 B | 0.675B | 5.70 B | 17.9 | 1.39 A | 0.384 | 0.122 | 0.005 | 0.005 | 0.495 | 1.52 | 7.84 | 5 |
| 6 | 2.32 | 0.664B | 6.20 B | 17.8 A | 1.31 A | 0.389 | 0.112 | 0.005 | 0.005 | 0.537 | 1.66 | 6.62 | 6 |
| 7 | 2.20 B | 0.657B | 6.30 B | 14.3 A | 1.20 | 0.400 | 0.107 | 0.005 | 0.006 | 0.973 | 1.66 | 5.738 | 7 |
| 8 | 2.10 B | 0.648B | 11.8 B | 11.2 A | 1.11 | 0.451 | 0.095 | 0.004 | 0.033 | 1.87 | 1.55 | 4.81 | 8 |
| 9 | 1.96 B | 0.639B | 15.5 B | 9.10A | 1.01 | 0.443 | 0.089 | 0.005 | 0.047 | 2.06 | 3.29 | 4.79 | 9 |
| 10 | 1.95 | 0.630B | 12.2 B | 7.85A | 0.978 | 0.434 | 0.078 | 0.006 | 0.036 | 2.25 | 4.22 | 5.97 | 10 |
| 11 | 1.91 | 0.625B | 7.48 B | 6.61A | 0.753 | 0.415 | 0.069 | 0.005 | 0.045 | 2.11 | 4.36 | 6.31 | 11 |
| 12 | 1.80 | 0.620B | 5.92 B | 5.88A | 0.665 | 0.410 | 0.063 | 0.004 | 0.050 | 1.77 | 3.82 | 6.04 | 12 |
| 13 | 1.72 | 0.615B | 4.74 B | 5.01A | 0.583 | 0.462 | 0.055 | 0.004 | 0.056 | 1.44 | 3.26 | 5.61 | 13 |
| 14 | 1.66 | 0.610B | 4.63 B | 4.48A | 0.527 | 0.459 | 0.049 | 0.004 | 0.050 | 1.15 | 2.81 | 5.42 | 14 |
| 15 | 1.60 B | 0.605B | 4.52 B | 4.08A | 0.553 | 0.417 | 0.063 | 0.004 | 0.050 | 0.937 | 2.41 | 4.81 | 15 |
| 16 | 1.65 B | 0.600B | 4.49 B | 3.78A | 0.491 | 0.371 | 0.054 | 0.003 | 0.039 | 0.788 | 2.05 | 4.49 | 16 |
| 17 | 1.52 B | 0.595B | 4.51 B | 3.58A | 0.469 | 0.331 | 0.049 | 0.003 | 0.033 | 0.697 | 1.91 | 4.578 | 17 |
| 18 | 1.32 B | 0.590B | 4.52 B | 3.38A | 0.446 | 0.295 | 0.045 | 0.003 | 0.040 | 0.654 | 4.03 | 4.178 | 18 |
| 19 | 1.28 B | 0.585B | 4.78 B | 2.94A | 0.408 | 0.269 | 0.039 | 0.003 | 0.050 | 0.617 | 5.89 | 3.54 | 19 |
| 20 | 1.25 B | 0.580B | 5.04 B | 2.80A | 0.380 | 0.237 | 0.035 | 0.003 | 0.117 | 0.580 | 8.45 | 3.84 | 20 |
| 21 | 1.16 B | 0.575B | 5.31 B | 2.39A | 0.350 | 0.217 | 0.024 | 0.003 | 0.258 | 0.582 | 5.27 | 7.83 | 21 |
| 22 | 1.13 B | 0.570B | 5.83 B | 2.37A | 0.346 | 0.207 | 0.017 | 0.005 | 0.335 | 0.578 | 3.86 B | 8.31 | 22 |
| 23 | 1.05 B | 0.585B | 5.80 | 2.48A | 0.338 | 0.193 | 0.013 | 0.005 | 0.344 | 0.588 | 3.04 | 7.80 | 23 |
| 24 | 0.990B | 0.560B | 7.71 | 2.24A | 0.317 | 0.181 | 0.011 | 0.004 | 0.289 | 0.718 | 2.89 | 8.48 | 24 |
| 25 | 0.950B | 0.555B | 7.62 | 2.08A | 0.314 | 0.183 | 0.014 | 0.004 | 0.274 | 0.830 | 2.86 | 8.41 | 25 |
| 26 | 0.900B | 0.550B | 8.08 | 1.96A | 0.303 | 0.177 | 0.011 | 0.003 | 0.255 | 0.863 | 3.86 | 7.98 | 26 |
| 27 | 0.850B | 0.545B | 8.44 | 1.91A | 0.311 | 0.183 | 0.008 | 0.003 | 0.214 | 0.938 | 4.44 | 7.23 | 27 |
| 28 | 0.800B | 0.540B | 7.81 | 1.81A | 0.332 | 0.178 | 0.007 | 0.003 | 0.208 | 1.08 | 4.46 | 5.708 | 28 |
| 29 | 0.780B | | 6.94 | 1.87A | 0.322 | 0.188 | 0.006 | 0.010 | 0.218 | 1.11 | 5.87 | 4.358 | 29 |
| 30 | 0.740B | | 6.47 | 1.81A | 0.293 | 0.180 | 0.006 | 0.009 | 0.268 | 1.19 | 28.8 | 3.288 | 30 |
| 31 | 0.725B | | 10.4 | | 0.274 | | 0.005 | 0.012 | | 1.12 | | 2.618 | 31 |
| TOTAL | 50.885 | 17.300 | 199.128 | 194.99 | 22.115 | 9.325 | 1.843 | 0.151 | 3.394 | 29.976 | 122.320 | 224.58 | TOTAL |
| MEAN | 1.64 | 0.614 | 6.42 | 6.50 | 0.713 | 0.311 | 0.059 | 0.005 | 0.113 | 0.967 | 4.08 | 7.24 | MEAN |
| MAX | 3.42 | 0.715 | 15.5 | 17.9 | 1.72 | 0.462 | 0.158 | 0.012 | 0.344 | 2.25 | 28.8 | 29.7 | MAX |
| MIN | 0.725 | 0.540 | 0.808 | 1.81 | 0.274 | 0.180 | 0.005 | 0.003 | 0.006 | 0.273 | 0.960 | 2.61 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.40
MAXIMUM DAILY 29.7 ON DEC 1
MINIMUM DAILY 0.003 ON AUG 16
MAXIMUM INSTANTANEOUS
39.3 AT 22:10 EST ON NOV 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 34 N
LONG 76 36 46 W
DRAINAGE AREA 155 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 400 | JUL | 159 |
| FEB | 1 490 | AUG | 13.0 |
| MAR | 17 200 | SEP | 293 |
| APR | 16 800 | OCT | 2 590 |
| MAY | 1 910 | NOV | 10 600 |
| JUN | 806 | DEC | 19 400 |

TOTAL DISCHARGE, 75 700 dam³

## COMMANDA CREEK NEAR COMMANDA - STATION NO. 02DD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.840E | 0.420E | 0.345E | 11.5 | 1.84 | 1.44 | 0.274 | 0.182 | 0.280E | 0.470E | 1.36 | 3.22 | 1 |
| 2 | 0.820E | 0.420E | 0.360E | 6.42 | 1.48 | 1.20 | 0.262 | 0.099 | 0.335E | 0.699E | 1.15 | 2.14 | 2 |
| 3 | 0.800E | 0.415E | 0.370E | 5.74 | 1.35 | 1.19 | 0.217 | 0.106 | 0.315E | 0.802E | 1.27 | 1.87 | 3 |
| 4 | 0.785E | 0.410E | 0.360E | 5.93 | 1.19 | 1.22 | 0.195 | 0.122 | 0.293E | 0.721E | 1.48 | 1.63 | 4 |
| 5 | 0.765E | 0.405E | 0.350E | 4.79 | 1.06 | 0.980 | 0.188 | 0.181 | 0.278E | 0.771E | 1.59 | 1.46 | 5 |
| 6 | 0.750E | 0.405E | 0.365E | 5.16 | 0.922 | 0.745 | 0.188 | 0.188 | 0.285E | 0.855E | 1.85 | 1.34 | 6 |
| 7 | 0.735E | 0.420E | 0.385E | 5.41 | 0.867 | 0.697 | 0.180 | 0.203 | 0.263E | 0.885E | 1.50 | 1.259 | 7 |
| 8 | 0.715E | 0.460E | 0.420E | 6.99 | 0.804 | 0.980 | 0.212 | 0.186 | 0.241E | 0.768E | 1.36 | 1.18 | 8 |
| 9 | 0.700E | 0.470E | 0.460E | 7.07 | 0.765 | 1.45 | 0.243 | 0.177 | 0.230E | 0.599E | 1.24 | 1.41 | 9 |
| 10 | 0.680E | 0.455E | 0.505E | 6.93 | 0.705 | 1.84 | 0.226 | 0.160 | 0.220E | 0.803 | 1.08 | 2.74 | 10 |
| 11 | 0.685E | 0.445E | 0.550E | 6.59 | 0.675 | 1.32 | 0.227 | 0.155 | 0.210E | 0.611 | 0.945 | 3.04 | 11 |
| 12 | 0.650E | 0.435E | 0.555E | 6.22 | 0.694 | 1.38 | 0.204 | 0.153 | 0.202E | 0.349 | 0.923 | 2.82 | 12 |
| 13 | 0.640E | 0.435E | 0.540E | 5.58 | 0.845 | 1.45 | 0.178 | 0.139 | 0.196E | 0.299 | 0.885 | 2.66 | 13 |
| 14 | 0.625E | 0.420E | 0.510E | 4.86 | 0.810 | 1.31 | 0.183 | 0.142 | 0.196E | 0.270 | 0.858 | 2.41 | 14 |
| 15 | 0.610E | 0.410E | 0.480E | 4.29 | 0.599 | 0.895 | 0.195 | 0.379 | 0.182E | 0.270 | 0.808 | 2.04 | 15 |
| 16 | 0.600E | 0.405E | 0.445E | 3.81 | 0.574 | 0.709 | 0.181 | 1.30 | 0.177E | 0.275 | 0.759 | 1.988 | 16 |
| 17 | 0.585E | 0.395E | 0.430E | 3.33 | 0.711 | 0.588 | 0.158 | 1.37 | 0.170E | 0.260 | 0.775 | 1.888 | 17 |
| 18 | 0.570E | 0.385E | 0.421E | 3.01 | 0.907 | 0.451 | 0.144 | 0.950 | 0.165E | 0.314 | 1.08 | 1.708 | 18 |
| 19 | 0.555E | 0.380E | 0.420E | 2.68 | 0.792 | 0.386 | 0.141 | 0.728 | 0.182E | 0.332 | 1.29 | 1.608 | 19 |
| 20 | 0.540E | 0.375E | 0.430E | 2.35 | 0.723 | 0.331 | 0.143 | 0.585 | 0.272E | 0.343 | 1.51 | 1.888 | 20 |
| 21 | 0.530E | 0.368E | 0.760E | 2.19 | 0.675 | 0.283 | 0.143 | 0.427 | 0.419E | 0.361 | 1.30 | 1.878 | 21 |
| 22 | 0.520E | 0.363E | 1.20 E | 1.96 | 0.725 | 0.230 | 0.132 | 0.349 | 0.550E | 0.393 | 1.15 | 1.888 | 22 |
| 23 | 0.505E | 0.358E | 1.60 E | 1.82 | 0.768 | 0.198 | 0.121 | 0.285 | 0.570E | 0.377 | 1.10 | 1.858 | 23 |
| 24 | 0.485E | 0.354E | 2.20 E | 1.84 | 0.864 | 0.176 | 0.143 | 0.210E | 0.559E | 0.457 | 1.32 | 1.808 | 24 |
| 25 | 0.480E | 0.351E | 3.25 E | 1.62 | 0.815 | 0.174 | 0.148 | 0.202E | 0.534E | 0.933 | 1.37 | 1.628 | 25 |
| 26 | 0.470E | 0.349E | 5.10 E | 1.44 | 0.784 | 0.185 | 0.180 | 0.197E | 0.448E | 0.952 | 1.28 | 1.378 | 26 |
| 27 | 0.460E | 0.345E | 7.10 E | 1.36 | 1.01 | 0.183 | 0.232 | 0.193E | 0.317E | 1.34 | 1.33 | 1.308 | 27 |
| 28 | 0.455E | 0.340E | 6.87 | 1.64 | 1.12 | 0.168 | 0.215 | 0.180E | 0.278E | 2.09 | 1.14 | 1.228 | 28 |
| 29 | 0.445E | | 7.17 | 1.73 | 0.962 | 0.167 | 0.215 | 0.167E | 0.304E | 1.72 | 1.17 | 1.168 | 29 |
| 30 | 0.435E | | 11.0 | 1.76 | 0.787 | 0.234 | 0.238 | 0.184E | 0.329E | 1.44 | 1.87 | 1.108 | 30 |
| 31 | 0.430E | | 12.2 | | 0.682 | | 0.235 | 0.232E | | 1.85 | | 1.048 | 31 |
| TOTAL | 18.855 | 11.195 | 67.141 | 130.11 | 27.125 | 23.216 | 5.897 | 10.121 | 9.082 | 31.809 | 36.183 | 53.74 | TOTAL |
| MEAN | 0.608 | 0.400 | 2.17 | 4.34 | 0.875 | 0.741 | 0.190 | 0.326 | 0.303 | 0.704 | 1.21 | 1.73 | MEAN |
| MAX | 0.840 | 0.470 | 12.2 | 11.5 | 1.84 | 1.44 | 0.274 | 1.37 | 0.634 | 2.09 | 1.87 | 3.04 | MAX |
| MIN | 0.430 | 0.340 | 0.345 | 1.36 | 0.574 | 0.183 | 0.121 | 0.099 | 0.165 | 0.270 | 0.759 | 1.04 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.13
MAXIMUM DAILY 12.2 ON MAR 31
MINIMUM DAILY 0.099 ON AUG 2
MAXIMUM INSTANTANEOUS
13.8 AT 19:44 EST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 55 N
LONG 79 36 24 W
DRAINAGE AREA 105 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 630 | JUL | 510 |
| FEB | 967 | AUG | 674 |
| MAR | 6 800 | SEP | 785 |
| APR | 11 200 | OCT | 1 880 |
| MAY | 2 340 | NOV | 3 130 |
| JUN | 1 920 | DEC | 4 640 |

TOTAL DISCHARGE, 35 700 dam³

## CONESTOGO RIVER ABOVE DRAYTON - STATION NO 02GA039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.52 B | 0.720E | 1.00E | 9.18 | 0.536 | 0.094 | 0.039 | 0.106 | 0.083 | 0.135 | 0.904 | 13.8 | 1 |
| 2 | 3.49 B | 0.710E | 1.30E | 7.56 | 0.439 | 0.095 | 0.027 | 0.173 | 0.101 | 0.110 | 0.784 | 7.32 | 2 |
| 3 | 3.21 B | 0.730E | 1.33E | 6.32 | 0.396 | 0.099 | 0.017 | 0.363 | 0.066 | 0.086 | 0.671 | 4.21 | 3 |
| 4 | 2.93 B | 0.720E | 1.37E | 6.46 | 0.376 | 0.105 | 0.001 | 0.213 | 0.039 | 0.082 | 1.14 | 2.91 | 4 |
| 5 | 1.86 B | 0.690E | 1.43E | 50.1 | 0.403 | 0.109 | 0.001 | 0.148 | 0.009 | 0.086 | 1.10 | 2.21 | 5 |
| 6 | 1.71 B | 0.680E | 1.50E | 30.3 | 0.339 | 0.088 | 0.010 | 0.104 | 0 | 0.054 | 1.06 | 1.80E | 6 |
| 7 | 1.89 B | 0.640E | 5.50E | 11.7 | 0.298 | 0.113 | 0.720 | 0.089 | 0 | 0.084 | 1.18 | 1.35E | 7 |
| 8 | 1.59 B | 0.625E | 16.0 B | 4.20 | 0.284 | 0.111 | 2.56 | 0.080 | 0 | 0.223 | 10.4 | 1.42 | 8 |
| 9 | 1.55 B | 0.612E | 16.0 B | 3.71 | 0.256 | 0.088 | 2.31 | 0.388 | 0 | 0.370 | 13.6 | 5.22 | 9 |
| 10 | 1.50 B | 0.600E | 14.0 B | 2.68 | 0.230 | 0.082 | 0.851 | 0.754 | 0 | 0.487 | 5.96 | 12.0 | 10 |
| 11 | 1.46 B | 0.595E | 9.50E | 3.13 | 0.211 | 0.047 | 0.348 | 0.446 | 0 | 0.478 | 2.91 | 6.43 | 11 |
| 12 | 1.45 B | 0.590E | 6.80E | 2.92 | 0.198 | 0.044 | 0.254 | 0.281 | 0.006 | 0.466 | 2.07 | 5.36 | 12 |
| 13 | 1.44 B | 0.565E | 4.60E | 2.31 | 0.188 | 0.028 | 0.145 | 0.204 | 0.010 | 0.443 | 1.68 | 4.61 | 13 |
| 14 | 1.44 B | 0.580E | 4.10E | 1.93 | 0.193 | 0.022 | 0.757 | 0.141 | 0.013 | 0.413 | 1.50 | 3.27 | 14 |
| 15 | 2.01 | 0.575E | 3.80E | 2.19 | 0.421 | 0.016 | 0.757 | 0.103 | 0 | 0.403 | 1.30 | 2.20E | 15 |
| 16 | 2.42 | 0.570E | 3.56E | 1.85 | 0.405 | 0 | 0.415 | 0.081 | 0 | 0.383 | 1.14 | 1.85E | 16 |
| 17 | 2.00 E | 0.565E | 3.80E | 1.60 | 0.283 | 0 | 0.254 | 0.290 | 0.010 | 0.189 | 1.13 | 1.80E | 17 |
| 18 | 1.70 E | 0.580E | 3.90E | 1.46 | 0.230 | 0 | 0.188 | 0.192 | 0.106 | 0.239 | 1.33 | 1.75E | 18 |
| 19 | 1.42 B | 0.580E | 5.40E | 1.31 | 0.221 | 0 | 0.140 | 0.115 | 0.139 | 0.206 | 1.79 | 1.70E | 19 |
| 20 | 1.23 B | 0.580E | 12.5 B | 1.16 | 0.240 | 0 | 21.8 | 0.082 | 0.132 | 0.177 | 1.71 | 5.12 | 20 |
| 21 | 1.09 B | 0.580E | 21.0 B | 1.04 | 0.273 | 0 | 5.67 | 0.083 | 0.178 | 0.184 | 1.22 | 13.8 | 21 |
| 22 | 1.00 B | 0.580E | 33.5 B | 0.628 | 0.384 | 0.390 | 1.76 | 0.044 | 0.212 | 0.198 | 1.12 | 9.50 | 22 |
| 23 | 0.950E | 0.580E | 45.5 | 0.754 | 0.442 | 1.38 | 0.903 | 0.027 | 0.187 | 0.387 | 1.14 | 6.23 | 23 |
| 24 | 0.910E | 0.562E | 49.0 | 0.733 | 0.325 | 0.481 | 0.5[illegible] | 0.015 | 0.173 | 0.824 | 2.05 | 4.36 | 24 |
| 25 | 0.870E | 0.563E | 39.5 | 0.720 | 0.282 | 0.243 | 0.680 | 0.005 | 0.103 | 2.34 | 4.27 | 19.1 | 25 |
| 26 | 0.840E | 0.563E | 33.6 | 0.653 | 0.258 | 0.133 | 0.468 | 0 | 0.070 | 1.47 | 13.6 | 15.0 B | 26 |
| 27 | 0.810E | 0.564E | 16.3 | 0.632 | 0.288 | 0.092 | 0.304 | 0 | 0.059 | 3.12 | 8.98 | 7.00E | 27 |
| 28 | 0.790E | 0.565E | 10.5 | 0.863 | 0.259 | 0.049 | 0.240 | 0.004 | 0.038 | 4.31 | 5.92 | 3.80E | 28 |
| 29 | 0.770E | | 8.03 | 0.886 | 0.140 | 0.033 | 0.192 | 0.010 | 0.049 | 2.12 | 31.9 | 2.90E | 29 |
| 30 | 0.760E | | 28.3 | 0.718 | 0.118 | 0.020 | 0.155 | 0.022 | 0.091 | 1.46 | 27.8 | 2.00E | 30 |
| 31 | 0.730E | | 12.1 | | 0.111 | | 0.121 | 0.080 | | 1.13 | | 1.40E | 31 |
| TOTAL | 48.230 | 16.944 | 417.81 | 180.135 | 9.029 | 3.922 | 42.382 | 4.581 | 1.875 | 22.846 | 151.269 | 172.22 | TOTAL |
| MEAN | 1.45 | 0.605 | 13.5 | 6.34 | 0.291 | 0.131 | 1.37 | 0.148 | 0.063 | 0.731 | 5.04 | 5.56 | MEAN |
| MAX | 2.52 | 0.730 | 49.0 | 50.1 | 0.536 | 1.38 | 21.8 | 0.754 | 0.212 | 4.31 | 31.9 | 19.1 | MAX |
| MIN | 0.730 | 0.560 | 1.00 | 0.632 | 0.111 | 0 | 0.001 | 0 | 0 | 0.054 | 0.784 | 1.35 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.87
MAXIMUM DAILY, 50.1 ON APR 5
MINIMUM DAILY, 0 ON JUN 16
MAXIMUM INSTANTANEOUS,
74.4 AT 23:32 EST ON MAR 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 56 N
LONG 80 33 20 W
DRAINAGE AREA, 272 km²

B - ICE CONDITIONS

REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 910 | JUL | 3 660 |
| FEB | 1 460 | AUG | 395 |
| MAR | 36 100 | SEP | 162 |
| APR | 13 800 | OCT | 1 990 |
| MAY | 780 | NOV | 13 100 |
| JUN | 339 | DEC | 14 900 |

TOTAL DISCHARGE, 90 600 dam³

## CONESTOGO RIVER AT GLEN ALLAN - STATION NO 02GA028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.61 | 2.21E | 2.00E | 43.4 | 2.27 | 3.55 | 3.66 | 4.50 | 2.73 | 2.98 | 2.55 | 26.1 | 1 |
| 2 | 5.82 | 2.16E | 2.90E | 21.4 | 2.26 | 3.63 | 3.55 | 4.65 | 2.68 | 2.94 | 2.60 | 26.0 | 2 |
| 3 | 5.68E | 2.13E | 4.30E | 15.1 | 2.27 | 3.57 | 3.65 | 4.36 | 2.65 | 2.93 | 2.60 | 22.0 | 3 |
| 4 | 5.48E | 2.10E | 4.58E | 15.0 | 2.25 | 3.48 | 3.67 | 4.28 | 2.64 | 2.81 | 2.63 | 16.1 | 4 |
| 5 | 5.27E | 2.08E | 4.70E | 48.7 | 2.25 | 3.73 | 3.72 | 4.23 | 2.59 | 2.96 | 2.52 | 13.0 | 5 |
| 6 | 5.18E | 2.03E | 4.80E | 66.5 | 2.26 | 3.86 | 3.75 | 4.22 | 2.54 | 2.95 | 2.54 | 12.8 | 6 |
| 7 | 4.87E | 2.00E | 7.40E | 24.6 | 2.13 | 3.86 | 3.90 | 4.13 | 2.51 | 2.92 | 2.55 | 12.8 | 7 |
| 8 | 4.53E | 1.95E | 11.0 B | 16.9 | 2.15 | 3.82 | 3.82 | 4.08 | 2.70 | 2.87 | 2.80 | 12.7 | 8 |
| 9 | 4.34E | 1.80E | 17.0 B | 8.77 | 2.27 | 3.74 | 4.09 | 4.13 | 3.47 | 2.85 | 2.68 | 12.8 | 9 |
| 10 | 4.06E | 1.65E | 23.0 B | 5.51 | 2.26 | 3.75 | 3.84 | 3.99 | 3.72 | 2.82 | 3.08 | 12.7 | 10 |
| 11 | 3.82E | 1.85E | 20.5 | 3.85 | 2.29 | 3.72 | 3.82 | 3.89 | 3.78 | 2.77 | 3.51 | 15.3 | 11 |
| 12 | 3.47E | 1.85E | 16.7 | 3.89 | 2.35 | 3.70 | 3.89 | 3.87 | 3.68 | 2.71 | 3.53 | 17.1 | 12 |
| 13 | 3.26E | 1.88E | 13.1 | 3.84 | 2.41 | 3.83 | 3.85 | 3.83 | 3.65 | 2.69 | 3.46 | 16.8 | 13 |
| 14 | 3.27E | 1.85E | 8.00E | 3.87 | 2.82 | 3.85 | 3.95 | 3.74 | 3.69 | 2.53 | 3.06 | 16.8 | 14 |
| 15 | 3.82E | 1.88E | 6.40E | 3.87 | 3.14 | 3.87 | 3.89 | 3.67 | 3.46 | 2.63 | 3.07 | 17.0 | 15 |
| 16 | 4.00E | 1.80E | 5.70E | 3.28 | 3.11 | 3.80 | 4.11 | 3.56 | 3.18 | 2.80 | 3.06 | 16.4 | 16 |
| 17 | 3.80E | 1.75E | 4.60E | 3.27 | 3.13 | 3.85 | 4.20 | 3.63 | 3.22 | 2.63 | 3.17 | 16.3 | 17 |
| 18 | 3.60E | 1.75E | 3.85E | 3.29 | 3.19 | 3.63 | 4.22 | 3.45 | 3.19 | 2.52 | 3.25 | 16.1 | 18 |
| 19 | 3.25E | 1.75E | 3.35E | 3.26 | 3.20 | 3.84 | 4.38 | 3.43 | 3.16 | 2.42 | 3.59 | 15.9 | 19 |
| 20 | 3.08E | 1.75E | 3.31E | 3.07 | 3.22 | 3.64 | 4.44 | 3.39 | 3.11 | 2.47 | 3.56 | 16.8 | 20 |
| 21 | 2.95E | 1.75E | 3.18 | 3.60 | 3.23 | 3.63 | 4.55 | 3.37 | 3.11 | 2.52A | 3.53 | 20.2 | 21 |
| 22 | 2.84E | 1.75E | 3.16 | 2.59 | 3.17 | 3.75 | 4.65 | 3.25 | 3.03 | 2.55E | 3.56 | 20.0 | 22 |
| 23 | 2.74E | 1.75E | 3.10 | 3.32 | 3.17 | 3.69 | 4.59 | 3.20 | 3.02 | 2.58E | 3.58 | 20.1 | 23 |
| 24 | 2.66E | 1.75E | 3.10 | 3.26 | 3.25 | 3.67 | 4.68 | 3.13 | 3.01 | 2.61A | 3.51 | 19.7 | 24 |
| 25 | 2.58E | 1.70E | 3.12 | 3.29 | 3.32 | 3.66 | 4.74 | 3.12 | 2.98 | 2.47 | 4.39 | 20.3 | 25 |
| 26 | 2.50E | 1.70E | 11.9 | 3.31 | 3.37 | 3.50 | 4.67 | 3.06 | 2.98 | 2.47 | 4.31 | 20.3 | 26 |
| 27 | 2.45E | 1.70E | 16.9 | 3.31 | 3.36 | 3.58 | 4.69 | 2.83 | 3.00 | 2.63 | 7.10 | 20.4 | 27 |
| 28 | 2.39E | 1.70E | 7.13 | 3.28 | 3.37 | 3.52 | 4.67 | 2.84 | 2.99 | 2.49 | 11.1 | 20.2 | 28 |
| 29 | 2.34E | | 3.15 | 3.19 | 3.38 | 3.65 | 4.68 | 2.76 | 3.00 | 2.53 | 15.2 | 19.8 | 29 |
| 30 | 2.30E | | 16.6 | 3.25 | 3.49 | 3.61 | 4.60 | 2.82 | 2.95 | 2.54 | 23.8 | 19.5 | 30 |
| 31 | 2.26E | | 50.3 | | 3.50 | | 4.56 | 2.81 | | 2.54 | | 17.3 | 31 |
| TOTAL | 114.56 | 52.26 | 289.10 | 344.46 | 87.85 | 109.80 | 129.82 | 112.14 | 92.42 | 82.53 | 140.90 | 549.4 | TOTAL |
| MEAN | 3.70 | 1.87 | 9.33 | 11.5 | 2.83 | 3.66 | 4.19 | 3.62 | 3.08 | 2.67 | 4.70 | 17.7 | MEAN |
| MAX | 5.91 | 2.21 | 50.3 | 66.5 | 3.50 | 3.86 | 4.74 | 4.65 | 3.78 | 2.98 | 23.8 | 26.1 | MAX |
| MIN | 2.26 | 1.70 | 2.00 | 2.19 | 2.13 | 3.49 | 3.55 | 2.76 | 2.51 | 2.42 | 2.52 | 12.7 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.77
MAXIMUM DAILY, 66.5 ON APR 6
MINIMUM DAILY, 1.70E ON FEB 28
MAXIMUM INSTANTANEOUS
108 AT 03:57 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 39 17 N
LONG 80 42 06 W
DRAINAGE AREA, 578 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1956

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 9 900 | JUL | 11 200 |
| FEB | 4 520 | AUG | 9 690 |
| MAR | 25 000 | SEP | 7 990 |
| APR | 29 600 | OCT | 7 140 |
| MAY | 7 580 | NOV | 12 200 |
| JUN | 9 480 | DEC | 47 500 |

TOTAL DISCHARGE, 182 000 dam³

## CONISTON CREEK ABOVE WANAPITEI RIVER - STATION NO. 02DB007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.238B | 0.205B | 0.370B | 3.66 | 0.576 | 0.724 | 0.201E | 0.110E | 0.060E | 0.375E | 0.478E | 0.740B | 1 |
| 2 | 0.241B | 0.216B | 0.345B | 2.43 | 0.389 | 0.521 | 0.220E | 0.140E | 0.038E | 0.731E | 0.456E | 0.695B | 2 |
| 3 | 0.243B | 0.228B | 0.325B | 2.25 | 0.355 | 0.753 | 0.295E | 0.095E | 0.033E | 0.523E | 0.451E | 0.580B | 3 |
| 4 | 0.244 | 0.230B | 0.313B | 2.39 | 0.296 | 0.766 | 0.265E | 0.085E | 0.033E | 0.427E | 0.779E | 0.500B | 4 |
| 5 | 0.240 | 0.228B | 0.305B | 3.56 | 0.262 | 0.498 | 0.225E | 0.085E | 0.030E | 0.389E | 0.977E | 0.430B | 5 |
| 6 | 0.241 | 0.224B | 0.315B | 4.63 | 0.278 | 0.375 | 0.210E | 0.090E | 0.022E | 0.852E | 0.670B | 0.370B | 6 |
| 7 | 0.236 | 0.219B | 0.340B | 3.89 | 0.271 | 0.341 | 0.200E | 0.102E | 0.018E | 0.473E | 0.530B | 0.325B | 7 |
| 8 | 0.237 | 0.216B | 0.400B | 2.93 | 0.251 | 0.321 | 0.201E | 0.088E | 0.035E | 0.437E | 0.455B | 0.305B | 8 |
| 9 | 0.233 | 0.214B | 0.575B | 2.21 | 0.238 | 0.317 | 0.205E | 0.077E | 0.213E | 0.470E | 0.400B | 0.500B | 9 |
| 10 | 0.231 | 0.213B | 0.535B | 1.76 | 0.226 | 0.328 | 0.300E | 0.075E | 0.205E | 0.400E | 0.350B | 1.03 B | 10 |
| 11 | 0.228 | 0.211B | 0.500B | 1.49 | 0.239 | 0.402 | 0.580E | 0.080E | 0.420E | 0.337E | 0.335B | 3.70 B | 11 |
| 12 | 0.232 | 0.208B | 0.475B | 1.31 | 0.241 | 0.494 | 0.265E | 0.050E | 0.310E | 0.309E | 0.325B | 3.25 B | 12 |
| 13 | 0.228 | 0.208B | 0.460B | 1.10 | 0.232 | 0.391 | 0.224E | 0.040E | 0.230E | 0.308E | 0.312B | 2.65 B | 13 |
| 14 | 0.233 | 0.205B | 0.445B | 0.923 | 0.248 | 0.315 | 0.217E | 0.100E | 0.215E | 0.311E | 0.305B | 2.38 B | 14 |
| 15 | 0.227 | 0.203B | 0.440B | 0.880 | 0.279 | 0.282E | 0.209E | 0.220E | 0.207E | 0.312E | 0.300B | 1.88 B | 15 |
| 16 | 0.225B | 0.202B | 0.445B | 0.809 | 0.289 | 0.235E | 0.195E | 0.110E | 0.210E | 0.298E | 0.350B | 1.38 B | 16 |
| 17 | 0.221B | 0.201B | 0.550B | 0.698 | 0.332 | 0.215E | 0.185E | 0.045E | 0.185E | 0.295E | 0.480B | 1.20 B | 17 |
| 18 | 0.218B | 0.200B | 0.720B | 0.581 | 0.382 | 0.212E | 0.225E | 0.035E | 0.170E | 0.315E | 0.700B | 1.04 B | 18 |
| 19 | 0.216B | 0.206B | 0.800B | 0.490 | 0.390 | 0.226E | 0.260E | 0.050E | 0.300E | 0.295E | 0.680B | 0.930B | 19 |
| 20 | 0.214B | 0.235B | 1.10 B | 0.410 | 0.348 | 0.248E | 0.290E | 0.105E | 0.540E | 0.308E | 0.580B | 0.630B | 20 |
| 21 | 0.210B | 0.275B | 1.71 B | 0.362 | 0.334 | 0.231E | 0.220E | 0.095E | 0.525E | 0.304E | 0.438B | 0.750B | 21 |
| 22 | 0.208B | 0.325 | 3.86 B | 0.423 | 1.65 | 0.198E | 0.201E | 0.130E | 0.458E | 0.295E | 0.385B | 0.685B | 22 |
| 23 | 0.206B | 0.384 | 6.21 B | 0.444 | 2.82 | 0.165E | 0.260E | 0.180E | 0.360E | 0.289E | 0.419 | 0.630B | 23 |
| 24 | 0.204B | 0.380 | 11.6 B | 0.381 | 2.37 | 0.174E | 0.370E | 0.045E | 0.328E | 0.263E | 0.670B | 0.575B | 24 |
| 25 | 0.202B | 0.343 | 16.8 B | 0.337 | 1.56 | 0.163E | 0.205E | 0.031E | 0.295E | 0.260E | 0.550B | 0.530B | 25 |
| 26 | 0.201B | 0.335B | 18.1 B | 0.298 | 1.17 | 0.200E | 0.147E | 0.030E | 0.300E | 0.290E | 0.470B | 0.480B | 26 |
| 27 | 0.200B | 0.345B | 14.7 B | 0.446 | 1.83 | 0.189E | 0.131E | 0.042E | 0.295E | 0.795E | 0.430B | 0.455B | 27 |
| 28 | 0.198B | 0.365B | 7.62 | 0.712 | 1.46 | 0.240E | 0.120E | 0.033E | 0.295E | 0.650E | 0.385B | 0.420B | 28 |
| 29 | 0.195B | | 7.09 | 0.637 | 1.16 | 0.222E | 0.108E | 0.050E | 0.295E | 0.570E | 0.375B | 0.390B | 29 |
| 30 | 0.193B | | 10.5 | 0.761 | 0.885 | 0.207E | 0.102E | 0.200E | 0.335E | 0.535E | 0.430B | 0.365B | 30 |
| 31 | 0.191B | | 5.90 | | 0.674 | | 0.088E | 0.140E | | 0.510E | | 0.340B | 31 |
| TOTAL | 6.835 | 7.001 | 111.788 | 43.602 | 21.528 | 9.970 | 6.926 | 2.738 | 6.890 | 12.743 | 14.443 | 30.388 | TOTAL |
| MEAN | 0.220 | 0.250 | 3.61 | 1.45 | 0.694 | 0.332 | 0.223 | 0.088 | 0.230 | 0.411 | 0.481 | 0.979 | MEAN |
| MAX | 0.244 | 0.380 | 18.8 | 4.63 | 2.82 | 0.766 | 0.580 | 0.220 | 0.540 | 0.795 | 0.977 | 3.70 | MAX |
| MIN | 0.191 | 0.200 | 0.305 | 0.298 | 0.226 | 0.163 | 0.088 | 0.030 | 0.018 | 0.260 | 0.300 | 0.305 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.763
MAXIMUM DAILY, 18.68 ON MAR 25
MINIMUM DAILY, 0.0186 ON SEP 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 26 N
LONG 80 49 18 W
DRAINAGE AREA, 59.0 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 591 | JUL | 598 |
| FEB | 605 | AUG | 237 |
| MAR 9 | 660 | SEP | 535 |
| APR 3 | 770 | OCT 1 | 100 |
| MAY 1 | 880 | NOV 1 | 250 |
| JUN | 861 | DEC 2 | 620 |

TOTAL DISCHARGE, 23 700 dam³

REMARKS - DATA PRIOR TO 1980 COLLECTED AND PUBLISHED BY ONT. MINISTRY OF THE ENVIRONMENT UNDER STATION NO. 02DB102

## CONSECON CREEK AT ALLISONVILLE - STATION NO. 02HE002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.06 | 0.620 | 0.530B | 8.55 | 1.11 | 0.040 | 0.013 | 0.001 | 0 | 0.003 | 0.009 | 1.52 | 1 |
| 2 | 2.42 B | 0.605B | 1.13 B | 10.5 | 1.06 | 0.035 | 0.011 | 0.003 | 0 | 0.003 | 0.009 | 1.57 | 2 |
| 3 | 2.14 B | 0.630 | 1.18 B | 10.6 | 1.04 | 0.083 | 0.012 | 0.002 | 0 | 0.003 | 0.009 | 2.18 | 3 |
| 4 | 1.93 B | 0.636 | 1.24 B | 11.1 | 1.01 | 0.044 | 0.013 | 0.003 | 0 | 0.003 | 0.009 | 2.46 | 4 |
| 5 | 1.80 | 0.626 | 1.30 B | 12.5 | 1.02 | 0.034 | 0.011 | 0 | 0 | 0.003 | 0.011 | 2.478 | 5 |
| 6 | 1.67 | 0.603 | 1.38 B | 16.3 | 0.894 | 0.030 | 0.008 | 0 | 0 | 0.003 | 0.011 | 2.358 | 6 |
| 7 | 1.64 | 0.645 | 5.45 B | 15.9 | 0.811 | 0.039 | 0.007 | 0 | 0 | 0.005 | 0.010 | 2.128 | 7 |
| 8 | 1.41 B | 0.680B | 15.8 | 12.7 | 0.771 | 0.089 | 0.006 | 0 | 0.001 | 0.006 | 0.014 | 1.99 | 8 |
| 9 | 1.32 | 0.784B | 16.0 | 9.61 | 0.675 | 0.081 | 0.006 | 0.002 | 0.001 | 0.006 | 0.033E | 2.22 | 9 |
| 10 | 1.28 | 0.710B | 17.8 | 6.92 | 0.583 | 0.054 | 0.005 | 0.001 | 0.001 | 0.006 | 0.038E | 2.58 | 10 |
| 11 | 1.24 | 0.676B | 13.7 B | 5.03 | 0.517 | 0.059 | 0.005 | 0 | 0 | 0.007 | 0.033E | 2.42 | 11 |
| 12 | 1.22 | 0.670B | 8.80 B | 3.81 | 0.403 | 0.063 | 0.005 | 0 | 0.001 | 0.006 | 0.020E | 2.34 | 12 |
| 13 | 1.18 | 0.665B | 6.51 B | 3.17 | 0.340 | 0.056 | 0.005 | 0 | 0.001 | 0.006 | 0.009 | 2.32 | 13 |
| 14 | 1.15 | 0.660B | 5.40 B | 2.86 | 0.295 | 0.050 | 0.006 | 0 | 0 | 0.006 | 0.011 | 2.15 | 14 |
| 15 | 1.22 | 0.655B | 4.73 B | 2.36 | 0.303 | 0.050 | 0.007 | 0 | 0 | 0.006 | 0.014 | 2.088 | 15 |
| 16 | 1.12 B | 0.640B | 4.34 B | 2.11 | 0.301 | 0.044 | 0.004E | 0 | 0 | 0.005 | 0.018 | 2.80 | 16 |
| 17 | 1.05 B | 0.720B | 3.85 B | 1.91 | 0.279 | 0.040 | 0.003E | 0 | 0 | 0.006 | 0.019E | 2.818 | 17 |
| 18 | 0.961 | 0.760B | 3.63 B | 1.71 | 0.224 | 0.028 | 0.003 | 0 | 0.001 | 0.006 | 0.057E | 2.088 | 18 |
| 19 | 0.930 | 0.710B | 3.59 B | 1.61 | 0.177 | 0.023 | 0.003 | 0 | 0.001 | 0.007 | 0.053 | 2.088 | 19 |
| 20 | 0.920B | 0.670B | 3.58 | 1.45 | 0.153 | 0.019 | 0.003 | 0 | 0.004 | 0.007 | 0.049 | 3.31 | 20 |
| 21 | 0.898 | 0.630B | 3.37 | 1.31 | 0.121 | 0.017 | 0.003 | 0 | 0.003 | 0.007 | 0.046 | 5.86 | 21 |
| 22 | 0.853 | 0.590B | 3.63 | 1.16 | 0.110 | 0.015 | 0.003 | 0 | 0.003 | 0.006 | 0.034 | 5.23 | 22 |
| 23 | 0.788B | 0.530B | 3.57 | 1.13 | 0.082 | 0.017 | 0.004 | 0 | 0.002 | 0.006 | 0.029 | 5.69 | 23 |
| 24 | 0.776B | 0.470B | 3.39 | 1.14 | 0.078 | 0.013 | 0.003 | 0 | 0.002 | 0.006 | 0.032 | 5.56 | 24 |
| 25 | 0.765B | 0.430B | 3.25 | 1.07 | 0.071 | 0.010 | 0.003 | 0 | 0.002 | 0.006 | 0.088 | 5.80 | 25 |
| 26 | 0.705 | 0.380B | 3.75 | 0.972 | 0.078 | 0.011 | 0.002 | 0 | 0.001 | 0.007 | 0.345 | 5.10 | 26 |
| 27 | 0.680B | 0.380B | 3.83 | 0.937 | 0.076 | 0.015 | 0.002 | 0 | 0.001 | 0.006 | 0.254 | 3.578 | 27 |
| 28 | 0.650B | 0.320B | 3.36 | 1.16 | 0.064 | 0.015 | 0.002 | 0 | 0.002 | 0.006 | 0.212 | 1.688 | 28 |
| 29 | 0.616 | | 3.02 | 1.22 | 0.056 | 0.014 | 0.002 | 0 | 0.002 | 0.006 | 1.48 | 1.398 | 29 |
| 30 | 0.615 | | 3.11 | 1.19 | 0.051 | 0.014 | 0.002 | 0 | 0.003 | 0.009 | 2.33 | 1.238 | 30 |
| 31 | 0.626 | | 5.66 | | 0.043 | | 0.001 | 0 | | 0.009 | | 1.108 | 31 |
| TOTAL | 37.853 | 17.018 | 161.300 | 151.929 | 12.806 | 1.024 | 0.183 | 0.010 | 0.032 | 0.189 | 5.286 | 67.80 | TOTAL |
| MEAN | 1.21 | 0.608 | 5.20 | 5.06 | 0.413 | 0.034 | 0.005 | 0 | 0.001 | 0.006 | 0.176 | 2.83 | MEAN |
| MAX | 3.06 | 0.780 | 18.0 | 16.3 | 1.11 | 0.063 | 0.013 | 0.002 | 0.004 | 0.009 | 2.33 | 5.80 | MAX |
| MIN | 0.615 | 0.320 | 0.930 | 0.937 | 0.043 | 0.010 | 0.001 | 0 | 0 | 0.003 | 0.009 | 1.10 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.30
MAXIMUM DAILY 18.0 ON MAR 9
MINIMUM DAILY 0 ON AUG 5
MAXIMUM INSTANTANEOUS
21.4 AT 19 40 EST ON MAR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 01 40 N
LONG 77 22 00 W
DRAINAGE AREA 114 km²

B ICE CONDITIONS
E ESTIMATED
REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 250 | JUL | 16 1 |
| FEB | 1 470 | AUG | 0 66 |
| MAR 13 | 900 | SEP | 3 75 |
| APR 13 | 100 | OCT | 16 3 |
| MAY | 1 110 | NOV | 457 |
| JUN | 88 5 | DEC 7 | 590 |

TOTAL DISCHARGE 41 000 dam³

## CREDIT RIVER ALTON BRANCH ABOVE ALTON - STATION NO 02HB019

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.912 | 0.750E | 0.780E | 1.55 | 0.551 | 0.502 | 0.385 | 0.377 | 0.381 | 0.453 | 0.617 | 1.27 | 1 |
| 2 | 0.902 | 0.740E | 0.810E | 1.47 | 0.624 | 0.594 | 0.381 | 0.441 | 0.373 | 0.448 | 0.597 | 1.05 | 2 |
| 3 | 0.880E | 0.820E | 0.780E | 1.32 | 0.610 | 0.546 | 0.384 | 0.480 | 0.359 | 0.444 | 0.607 | 0.902 | 3 |
| 4 | 0.810E | 0.773E | 0.765E | 1.28 | 0.623 | 0.507 | 0.402 | 0.446 | 0.380 | 0.429 | 0.614 | 0.774 | 4 |
| 5 | 0.765E | 0.740E | 0.740E | 2.98 | 0.583 | 0.484 | 0.370 | 0.422 | 0.381 | 0.407 | 0.602 | 0.724 | 5 |
| 6 | 0.725E | 0.705E | 0.730E | 4.88 | 0.567 | 0.480 | 0.467 | 0.403 | 0.386 | 0.413 | 0.583 | 0.690E | 6 |
| 7 | 0.705E | 0.680E | 0.740E | 3.92 | 0.583 | 0.476 | 0.546 | 0.381 | 0.382 | 0.486 | 0.587 | 0.680E | 7 |
| 8 | 0.690E | 0.650E | 1.00 E | 2.88 | 0.581 | 0.489 | 1.22 | 0.404 | 0.388 | 0.548 | 0.600E | 0.690E | 8 |
| 9 | 0.680E | 0.630E | 1.80 E | 2.12 | 0.528 | 0.484 | 1.33 | 0.588 | 0.382 | 0.505 | 0.710E | 1.04 | 9 |
| 10 | 0.675E | 0.620E | 1.26 E | 1.88 | 0.631 | 0.482 | 0.712 | 0.598 | 0.371 | 0.441 | 0.630E | 1.33 | 10 |
| 11 | 0.665E | 0.600E | 1.10 E | 1.38 | 0.932 | 0.437 | 0.571 | 0.518 | 0.383 | 0.458 | 0.660E | 1.18 | 11 |
| 12 | 0.650E | 0.590E | 0.900E | 1.25 | 0.544 | 0.428 | 0.472 | 0.481 | 0.385 | 0.468 | 0.510E | 1.10 | 12 |
| 13 | 0.640E | 0.540E | 0.780E | 1.21 | 0.518 | 0.435 | 0.486 | 0.443 | 0.382 | 0.457 | 0.528E | 0.990 | 13 |
| 14 | 0.660E | 0.570E | 0.700E | 1.13 | 0.577 | 0.429 | 0.827 | 0.427 | 0.377 | 0.443 | 0.545E | 0.878 | 14 |
| 15 | 0.710E | 0.580E | 0.630E | 1.24 | 0.841 | 0.426 | 0.588 | 0.408 | 0.388 | 0.438 | 0.530E | 0.893 | 15 |
| 16 | 0.800E | 0.668E | 0.567E | 1.12 | 0.672 | 0.387 | 0.834 | 0.406 | 0.387 | 0.441 | 0.510E | 0.780 | 16 |
| 17 | 0.790E | 0.550E | 0.600E | 1.08 | 0.582 | 0.381 | 0.680 | 0.424 | 0.387 | 0.445 | 0.540E | 0.765E | 17 |
| 18 | 0.775E | 0.545E | 0.620E | 0.977 | 0.591 | 0.382 | 0.642 | 0.425 | 0.478 | 0.482 | 0.610E | 0.780E | 18 |
| 19 | 0.745E | 0.540E | 0.758 | 0.926 | 0.563 | 0.372 | 0.682 | 0.405 | 0.445 | 0.477 | 0.550E | 0.780E | 19 |
| 20 | 0.780E | 0.538E | 0.650 | 0.885 | 0.618 | 0.378 | 1.20 | 0.407 | 0.484 | 0.474 | 0.500E | 0.807 | 20 |
| 21 | 0.750E | 0.537E | 1.03 | 0.812 | 0.633 | 0.370 | 0.836 | 0.380 | 0.584 | 0.478 | 0.490E | 1.07 | 21 |
| 22 | 0.740E | 0.535E | 1.15 | 0.770 | 0.587 | 0.584 | 0.845 | 0.385 | 0.574 | 0.486 | 0.490E | 0.980E | 22 |
| 23 | 0.730E | 0.535E | 1.57 | 0.737 | 0.603 | 0.632 | 0.581 | 0.376 | 0.513 | 0.580 | 0.550A | 0.858 | 23 |
| 24 | 0.720E | 0.535E | 1.78 | 0.725 | 0.587 | 0.640 | 0.500 | 0.382 | 0.471 | 0.730 | 0.703 | 0.815 | 24 |
| 25 | 0.710E | 0.550E | 1.88 | 0.888 | 0.557 | 0.484 | 0.483 | 0.387 | 0.435 | 0.883 | 0.723 | 0.685 | 25 |
| 26 | 0.705E | 0.580E | 2.52 | 0.870 | 0.853 | 0.455 | 0.422 | 0.381 | 0.427 | 0.715 | 0.922 | 0.680E | 26 |
| 27 | 0.700E | 0.585E | 2.37 | 0.856 | 0.673 | 0.439 | 0.383 | 0.382 | 0.408 | 0.824 | 0.806 | 0.780E | 27 |
| 28 | 0.700E | 0.550E | 1.88 | 0.733 | 0.614 | 0.426 | 0.380 | 0.388 | 0.410 | 0.880 | 0.802 | 0.780E | 28 |
| 29 | 0.700E | | 1.64 | 0.734 | 0.673 | 0.402 | 0.376 | 0.380 | 0.432 | 0.845 | 1.27 | 0.710E | 29 |
| 30 | 0.710E | | 2.01 | 0.701 | 0.611 | 0.384 | 0.387 | 0.374 | 0.468 | 0.706 | 1.41 | 0.680E | 30 |
| 31 | 0.730E | | 1.92 | | 0.507 | | 0.378 | 0.378 | | 0.827 | | 0.650E | 31 |
| TOTAL | 22.875 | 17.133 | 36.580 | 42.425 | 18.341 | 13.813 | 17.348 | 13.983 | 12.908 | 17.107 | 19.883 | 27.037 | TOTAL |
| MEAN | 0.738 | 0.612 | 1.18 | 1.41 | 0.592 | 0.460 | 0.560 | 0.418 | 0.417 | 0.552 | 0.656 | 0.872 | MEAN |
| MAX | 0.912 | 0.820 | 2.52 | 4.88 | 0.841 | 0.632 | 1.33 | 0.588 | 0.574 | 0.880 | 1.41 | 1.33 | MAX |
| MIN | 0.680 | 0.535 | 0.567 | 0.856 | 0.507 | 0.370 | 0.370 | 0.357 | 0.359 | 0.407 | 0.480 | 0.650 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.705
MAXIMUM DAILY 4.88 ON APR 6
MINIMUM DAILY 0.357 ON AUG 26
MAXIMUM INSTANTANEOUS
5.06 AT 06:27 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 14 N
LONG 80 05 02 W
DRAINAGE AREA 58.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 980 | JUL | 1 500 |
| FEB | 1 480 | AUG | 1 120 |
| MAR | 3 160 | SEP | 1 080 |
| APR | 3 670 | OCT | 1 480 |
| MAY | 1 580 | NOV | 1 700 |
| JUN | 1 190 | DEC | 2 340 |

TOTAL DISCHARGE 22 300 dam³

## CREDIT RIVER AT BOSTON MILLS - STATION NO. 02HB014

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.88 | 4.308 | 4.808 | 9.74 | 5.05 | 3.26 | 2.46 | 2.10 | 2.00 | 3.04 | 3.09 | 7.33 | 1 |
| 2 | 4.70 | 4.458 | 6.408 | 9.31 | 4.84 | 3.57 | 2.47 | 2.53 | 2.06 | 2.90 | 2.83 | 5.58 | 2 |
| 3 | 4.57 | 4.608 | 5.908 | 8.57 | 4.50 | 3.59 | 2.93 | 3.05 | 1.97 | 2.78 | 3.07 | 4.53 | 3 |
| 4 | 4.37 | 4.578 | 5.508 | 8.51 | 4.38 | 3.25 | 3.09 | 2.74 | 1.81 | 2.77 | 3.28 | 4.13 | 4 |
| 5 | 4.858 | 4.458 | 5.108 | 23.1 | 4.32 | 3.13 | 2.81 | 2.41 | 1.84 | 2.70 | 3.11 | 3.81 | 5 |
| 6 | 4.508 | 4.378 | 4.908 | 40.2 | 4.14 | 3.08 | 3.38 | 2.20 | 1.84 | 2.85 | 2.88 | 3.62 | 6 |
| 7 | 4.408 | 4.308 | 10.0 | 25.8 | 4.10 | 3.22 | 5.06 | 2.14 | 1.83 | 2.78 | 2.81 | 3.108 | 7 |
| 8 | 4.36 | 4.258 | 17.3 | 16.7 | 4.04 | 3.20 | 5.27 | 2.19 | 1.83 | 3.44 | 3.08 | 3.84 | 8 |
| 9 | 4.34 | 4.308 | 16.0 | 13.6 | 4.02 | 3.08 | 5.83 | 3.30 | 2.07 | 3.42 | 3.48 | 4.74 | 9 |
| 10 | 4.45 | 4.408 | 9.84 | 10.1 | 3.81 | 2.98 | 4.54 | 4.15 | 1.84 | 3.18 | 3.38 | 7.23 | 10 |
| 11 | 4.52 | 4.358 | 8.52 | 8.73 | 4.04 | 2.89 | 3.62 | 3.37 | 1.89 | 2.89 | 3.08 | 5.75 | 11 |
| 12 | 4.44 | 4.258 | 7.28 | 8.23 | 4.10 | 2.89 | 3.08 | 2.75 | 2.54 | 2.87 | 2.84 | 5.18 | 12 |
| 13 | 4.40 | 4.208 | 6.76 | 8.83 | 3.87 | 3.22 | 2.69 | 2.60 | 2.71 | 2.80 | 2.98 | 4.80 | 13 |
| 14 | 4.48 | 4.158 | 6.36 | 8.18 | 3.83 | 3.18 | 3.38 | 2.38 | 2.58 | 2.84 | 2.87 | 4.33 | 14 |
| 15 | 4.87 | 4.108 | 6.18 | 8.88 | 5.24 | 2.78 | 3.73 | 2.27 | 2.44 | 2.82 | 2.80 | 3.83 | 15 |
| 16 | 5.02 | 4.088 | 6.04 | 8.34 | 4.71 | 2.87 | 3.21 | 2.43 | 2.43 | 2.81 | 2.80 | 4.20 | 16 |
| 17 | 4.33 | 4.038 | 5.18 | 7.82 | 4.08 | 2.84 | 2.77 | 2.88 | 2.87 | 2.72 | 2.85 | 4.138 | 17 |
| 18 | 4.138 | 4.028 | 5.40 | 7.00 | 3.85 | 2.50 | 2.80 | 2.70 | 2.81 | 2.77 | 2.38 | 3.978 | 18 |
| 19 | 4.088 | 4.008 | 5.88 | 6.58 | 3.85 | 2.41 | 2.55 | 2.38 | 2.83 | 2.85 | 2.34 | 3.88 | 19 |
| 20 | 4.038 | 3.978 | 6.60 | 6.38 | 4.03 | 2.38 | 7.22 | 2.22 | 3.26 | 2.78 | 3.18 | 4.88 | 20 |
| 21 | 4.038 | 3.958 | 7.18 | 5.82 | 4.18 | 2.40 | 5.07 | 2.12 | 3.89 | 2.75 | 2.45 | 6.83 | 21 |
| 22 | 4.018 | 3.938 | 8.02 | 5.63 | 4.08 | 2.88 | 3.84 | 2.09 | 4.37 | 2.85 | 2.388 | 8.62 | 22 |
| 23 | 4.008 | 3.918 | 9.24 | 5.48 | 4.04 | 4.36 | 3.01 | 2.01 | 3.84 | 3.38 | 3.02 | 6.82 | 23 |
| 24 | 4.008 | 3.878 | 9.70 | 5.43 | 3.90 | 3.80 | 2.74 | 1.81 | 3.08 | 3.82 | 3.28 | 4.28 | 24 |
| 25 | 3.978 | 4.008 | 9.82 | 5.31 | 3.81 | 3.08 | 2.67 | 1.85 | 2.82 | 5.03 | 3.84 | 5.81 | 25 |
| 26 | 3.958 | 4.068 | 13.1 | 4.87 | 4.03 | 3.15 | 2.48 | 1.84 | 2.70 | 3.89 | 5.71 | 4.908 | 26 |
| 27 | 3.908 | 4.108 | 11.8 | 4.81 | 4.28 | 2.48 | 2.26 | 1.89 | 2.61 | 4.46 | 4.81 | 4.208 | 27 |
| 28 | 3.958 | 4.068 | 9.38 | 5.34 | 3.74 | 2.58 | 2.19 | 1.82 | 2.46 | 5.29 | 4.22 | 3.838 | 28 |
| 29 | 4.058 | | 8.35 | 5.42 | 3.69 | 2.63 | 2.15 | 2.06 | 2.83 | 4.21 | 4.81 | 3.658 | 29 |
| 30 | 4.108 | | 10.8 | 5.19 | 3.51 | 2.47 | 2.25 | 2.07 | 2.84 | 3.81 | 9.04 | 3.508 | 30 |
| 31 | 4.188 | | 12.8 | | 3.61 | | 2.15 | 1.99 | | 3.27 | | 3.378 | 31 |
| TOTAL | 133.41 | 117.10 | 257.24 | 302.77 | 127.82 | 89.58 | 104.02 | 74.50 | 77.82 | 100.41 | 105.82 | 143.98 | TOTAL |
| MEAN | 4.30 | 4.18 | 8.30 | 10.1 | 4.12 | 2.98 | 3.36 | 2.40 | 2.59 | 3.24 | 3.58 | 4.63 | MEAN |
| MAX | 5.02 | 4.60 | 18.0 | 40.2 | 5.24 | 4.36 | 7.22 | 4.15 | 4.37 | 5.29 | 9.04 | 7.33 | MAX |
| MIN | 3.90 | 3.91 | 4.80 | 4.81 | 3.51 | 2.38 | 2.15 | 1.84 | 1.84 | 2.65 | 2.38 | 3.10 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 4.48
MAXIMUM DAILY 40.2 ON APR 6
MINIMUM DAILY 1.84 ON AUG 26
MAXIMUM INSTANTANEOUS
44.2 AT 10:06 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 26 N
LONG 79 55 39 W
DRAINAGE AREA 402 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11 500 | JUL | 6 550 |
| FEB | 10 100 | AUG | 6 440 |
| MAR | 22 200 | SEP | 6 710 |
| APR | 25 200 | OCT | 6 550 |
| MAY | 11 000 | NOV | 9 230 |
| JUN | 7 740 | DEC | 12 400 |

TOTAL DISCHARGE 141 000 dam³

## CREDIT RIVER AT ERINDALE - STATION NO. 02HB002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.5 | 7.408 | 14.08 | 26.9 | 6.59 | 4.77 | 3.37 | 2.67 | 2.79 | 3.55 | 4.36 | 12.9 | 1 |
| 2 | 12.4 | 8.008 | 19.08 | 34.2 | 7.82 | 5.26 | 3.26 | 6.29 | 2.79 | 3.50 | 3.89 | 9.56 | 2 |
| 3 | 11.7 | 8.508 | 16.08 | 28.2 | 7.22 | 5.16 | 4.80 | 5.36 | 2.26 | 3.24 | 3.67 | 7.84 | 3 |
| 4 | 9.28 | 8.108 | 14.48 | 33.7 | 6.66 | 4.72 | 4.47 | 4.31 | 2.10 | 3.30 | 4.31 | 6.71 | 4 |
| 5 | 11.2 | 7.808 | 14.48 | 89.4 | 6.55 | 4.26 | 4.15 | 3.66 | 2.24 | 3.32 | 4.40 | 5.85 | 5 |
| 6 | 11.0 | 7.758 | 14.28 | 96.2 | 6.52 | 4.38 | 4.18 | 3.27 | 2.01 | 3.43 | 4.06 | 5.008 | 6 |
| 7 | 10.7 | 7.708 | 32.08 | 91.2 | 6.15 | 4.41 | 6.53 | 3.34 | 2.00 | 4.89 | 3.71 | 4.108 | 7 |
| 8 | 10.8 | 7.808 | 50.08 | 44.9 | 6.09 | 4.57 | 7.92 | 3.57 | 2.83 | 4.95 | 4.00 | 5.43 | 8 |
| 9 | 11.4 | 7.708 | 55.08 | 31.0 | 5.97 | 4.22 | 7.22 | 6.70 | 2.81 | 4.81 | 5.06 | 5.94 | 9 |
| 10 | 11.8 | 7.808 | 25.08 | 26.1 | 5.84 | 4.02 | 6.82 | 6.77 | 2.48 | 4.24 | 5.07 | 10.1 | 10 |
| 11 | 11.6 | 7.758 | 21.28 | 22.0 | 5.85 | 3.85 | 5.38 | 5.41 | 3.17 | 3.82 | 4.81 | 9.04 | 11 |
| 12 | 11.5 | 7.658 | 19.08 | 27.0 | 5.81 | 4.31 | 4.36 | 4.34 | 3.71 | 3.70 | 4.12 | 8.17 | 12 |
| 13 | 11.5 | 7.608 | 17.48 | 27.4 | 5.63 | 4.78 | 4.18 | 3.57 | 4.26 | 3.62 | 4.18 | 7.53 | 13 |
| 14 | 11.6 | 7.508 | 17.08 | 22.0 | 6.10 | 4.74 | 7.51 | 3.26 | 4.57 | 3.88 | 3.85 | 6.75 | 14 |
| 15 | 15.7 | 7.408 | 13.9 | 20.4 | 7.18 | 3.93 | 6.40 | 3.12 | 3.14 | 3.72 | 3.80 | 6.788 | 15 |
| 16 | 18.6 | 7.408 | 13.3 | 19.8 | 7.15 | 3.54 | 4.78 | 2.82 | 2.83 | 3.61 | 3.42 | 7.508 | 16 |
| 17 | 12.6 | 7.358 | 12.6 | 17.8 | 6.41 | 3.20 | 4.00 | 3.75 | 4.18 | 3.88 | 3.72 | 8.408 | 17 |
| 18 | 9.008 | 7.338 | 13.0 | 16.5 | 5.77 | 3.03 | 3.23 | 3.84 | 6.98 | 3.94 | 5.85 | 8.888 | 18 |
| 19 | 7.208 | 7.328 | 13.8 | 15.3 | 5.78 | 3.21 | 3.48 | 3.17 | 4.90 | 3.72 | 4.77 | 8.82 | 19 |
| 20 | 6.608 | 7.308 | 14.8 | 14.2 | 5.76 | 3.24 | 30.5 | 2.83 | 4.97 | 3.57 | 4.36 | 18.5 | 20 |
| 21 | 6.258 | 7.308 | 16.1 | 13.0 | 6.04 | 3.09 | 8.32 | 2.45 | 7.68 | 3.56 | 3.808 | 19.5 | 21 |
| 22 | 6.078 | 7.358 | 16.9 | 12.2 | 6.22 | 13.7 | 6.92 | 2.86 | 8.72 | 3.90 | 3.488 | 12.3 | 22 |
| 23 | 6.008 | 7.408 | 16.4 | 11.6 | 6.32 | 8.26 | 5.01 | 2.23 | 5.74 | 5.29 | 3.788 | 8.93 | 23 |
| 24 | 5.978 | 7.458 | 15.4 | 11.1 | 5.72 | 6.07 | 6.06 | 2.10 | 4.32 | 5.83 | 4.09 | 8.37 | 24 |
| 25 | 5.958 | 7.508 | 15.7 | 10.4 | 5.58 | 4.81 | 6.51 | 2.22 | 3.60 | 7.14 | 15.8 | 14.0 | 25 |
| 26 | 6.008 | 7.538 | 25.4 | 9.68 | 6.17 | 5.38 | 3.92 | 3.32 | 3.24 | 6.29 | 14.8 | 12.0.8 | 26 |
| 27 | 6.008 | 7.808 | 25.1 | 9.32 | 6.61 | 4.12 | 3.32 | 2.48 | 3.09 | 5.73 | 8.78 | 7.508 | 27 |
| 28 | 6.058 | 7.808 | 20.9 | 9.86 | 5.81 | 3.83 | 2.91 | 3.37 | 3.15 | 7.41 | 8.90 | 8.808 | 28 |
| 29 | 6.208 | | 18.5 | 9.86 | 5.28 | 3.74 | 2.78 | 3.80 | 3.58 | 8.86 | 16.2 | 4.908 | 29 |
| 30 | 6.508 | | 24.1 | 9.07 | 4.89 | 3.43 | 2.80 | 2.71 | 3.89 | 8.38 | 17.3 | 4.708 | 30 |
| 31 | 6.908 | | 31.2 | | 4.71 | | 2.89 | 3.20 | | 4.78 | | 4.808 | 31 |
| TOTAL | 296.47 | 212.68 | 646.7 | 806.98 | 191.86 | 139.87 | 176.80 | 108.24 | 113.65 | 139.34 | 178.81 | 280.74 | TOTAL |
| MEAN | 9.56 | 7.60 | 20.9 | 27.0 | 6.19 | 4.66 | 5.70 | 3.53 | 3.80 | 4.49 | 5.99 | 9.41 | MEAN |
| MAX | 18.6 | 8.80 | 55.0 | 96.2 | 8.59 | 13.7 | 30.5 | 6.77 | 8.72 | 7.41 | 17.3 | 19.5 | MAX |
| MIN | 5.95 | 7.30 | 12.8 | 9.07 | 4.71 | 3.03 | 2.78 | 2.10 | 2.00 | 3.24 | 3.42 | 4.10 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.58
MAXIMUM DAILY, 96.2 ON APR 6
MINIMUM DAILY, 2.00 ON SEP 7
MAXIMUM INSTANTANEOUS,
154 AT 02:32 EST ON JUL 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 34 N
LONG 79 39 26 W
DRAINAGE AREA, 795 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 25 600 | JUL | 15 300 |
| FEB | 18 400 | AUG | 9 440 |
| MAR | 55 800 | SEP | 9 840 |
| APR | 69 800 | OCT | 12 000 |
| MAY | 16 600 | NOV | 15 500 |
| JUN | 12 100 | DEC | 22 900 |

TOTAL DISCHARGE, 283 000 dam³

## CREDIT RIVER ERIN BRANCH ABOVE ERIN - STATION NO. 02HB020

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.556 | 0.3858 | 0.821 | 0.870 | 0.530 | 0.488 | 0.370 | 0.272 | 0.320 | 0.378 | 0.411 | 0.687 | 1 |
| 2 | 0.562 | 0.4008 | 0.785 | 0.886 | 0.520 | 0.581 | 0.340 | 0.326 | 0.318 | 0.366 | 0.387 | 0.529 | 2 |
| 3 | 0.586 | 0.4208 | 0.880 | 0.787 | 0.506 | 0.462 | 0.390 | 0.369 | 0.314 | 0.365 | 0.430 | 0.486 | 3 |
| 4 | 0.4888 | 0.4048 | 0.8808 | 0.785 | 0.491 | 0.408 | 0.403 | 0.342 | 0.282 | 0.358 | 0.425 | 0.445 | 4 |
| 5 | 0.5088 | 0.3908 | 0.9108 | 1.98 | 0.482 | 0.387 | 0.383 | 0.323 | 0.291 | 0.351 | 0.418 | 0.4408 | 5 |
| 6 | 0.4888 | 0.3878 | 0.8088 | 2.07 | 0.488 | 0.387 | 0.358 | 0.301 | 0.287 | 0.348 | 0.420 | 0.4358 | 6 |
| 7 | 0.587 | 0.3858 | 0.731 | 1.47 | 0.486 | 0.400 | 0.351 | 0.300 | 0.308 | 0.419 | 0.394 | 0.4358 | 7 |
| 8 | 0.544 | 0.4088 | 1.15 | 1.08 | 0.457 | 0.384 | 0.581 | 0.297 | 0.314 | 0.461 | 0.432 | 0.440 | 8 |
| 9 | 0.529 | 0.4308 | 1.08 | 0.944 | 0.454 | 0.373 | 0.491 | 0.479 | 0.338 | 0.416 | 0.495 | 0.800 | 9 |
| 10 | 0.571 | 0.4088 | 0.7208 | 0.883 | 0.450 | 0.374 | 0.517 | 0.474 | 0.334 | 0.350 | 0.438 | 0.881 | 10 |
| 11 | 0.589 | 0.3928 | 0.8908 | 0.802 | 0.449 | 0.376 | 0.371 | 0.378 | 0.333 | 0.338 | 0.403 | 0.850 | 11 |
| 12 | 0.545 | 0.3788 | 0.808 | 0.810 | 0.441 | 0.389 | 0.328 | 0.342 | 0.341 | 0.358 | 0.395 | 0.853 | 12 |
| 13 | 0.534 | 0.3728 | 0.878 | 0.803 | 0.421 | 0.487 | 0.310 | 0.327 | 0.341 | 0.387 | 0.388 | 0.862 | 13 |
| 14 | 0.544 | 0.3888 | 0.895 | 0.784 | 0.478 | 0.408 | 0.450 | 0.315 | 0.340 | 0.440 | 0.397 | 0.921 | 14 |
| 15 | 0.577 | 0.3838 | 0.870 | 0.852 | 0.808 | 0.389 | 0.446 | 0.302 | 0.335 | 0.386 | 0.386 | 0.9188 | 15 |
| 16 | 0.588 | 0.3808 | 0.887 | 0.788 | 0.801 | 0.388 | 0.388 | 0.304 | 0.338 | 0.369 | 0.385 | 0.8408 | 16 |
| 17 | 0.5008 | 0.3808 | 0.872 | 0.703 | 0.447 | 0.384 | 0.345 | 0.348 | 0.374 | 0.387 | 0.401 | 0.9208 | 17 |
| 18 | 0.4908 | 0.3808 | 0.807 | 0.877 | 0.444 | 0.381 | 0.332 | 0.330 | 0.403 | 0.385 | 0.436 | 0.4808 | 18 |
| 19 | 0.4758 | 0.3808 | 0.851 | 0.852 | 0.395 | 0.343 | 0.322 | 0.407 | 0.381 | 0.381 | 0.418 | 0.443 | 19 |
| 20 | 0.4608 | 0.3848 | 0.719 | 0.818 | 0.488 | 0.328 | 0.885 | 0.312 | 0.427 | 0.390 | 0.400 | 0.831 | 20 |
| 21 | 0.4458 | 0.3878 | 0.767 | 0.880 | 0.493 | 0.324 | 0.838 | 0.311 | 0.518 | 0.391 | 0.3958 | 0.711 | 21 |
| 22 | 0.4358 | 0.3708 | 0.881 | 0.852 | 0.477 | 0.552 | 0.387 | 0.299 | 0.482 | 0.414 | 0.3808 | 0.881 | 22 |
| 23 | 0.4208 | 0.3808 | 0.881 | 0.881 | 0.481 | 0.448 | 0.507 | 0.338 | 0.278 | 0.416 | 0.497 | 0.3738 | 23 |
| 24 | 0.4058 | 0.3908 | 1.01 | 0.884 | 0.433 | 0.433 | 0.334 | 0.280 | 0.370 | 0.582 | 0.432 | 0.478 | 24 |
| 25 | 0.3908 | 0.4088 | 1.05 | 0.887 | 0.442 | 0.382 | 0.321 | 0.282 | 0.383 | 0.628 | 0.582 | 0.626 | 25 |
| 26 | 0.3878 | 0.4158 | 1.37 | 0.883 | 0.805 | 0.356 | 0.309 | 0.280 | 0.343 | 0.488 | 0.892 | 0.892 | 26 |
| 27 | 0.3828 | 0.3908 | 1.04 | 0.884 | 0.805 | 0.328 | 0.290 | 0.295 | 0.346 | 0.864 | 0.810 | 0.5308 | 27 |
| 28 | 0.3808 | 0.3708 | 0.903 | 0.808 | 0.452 | 0.335 | 0.282 | 0.296 | 0.380 | 0.891 | 0.483 | 0.485 | 28 |
| 29 | 0.3848 | | 0.859 | 0.1858 | 0.428 | 0.339 | 0.278 | 0.317 | 0.397 | 0.483 | 0.823 | 0.4308 | 29 |
| 30 | 0.3908 | | 1.27 | 0.548 | 0.401 | 0.344 | 0.278 | 0.304 | 0.395 | 0.438 | 0.885 | 0.3908 | 30 |
| 31 | 0.3908 | | 1.07 | | 0.410 | | 0.278 | 0.320 | | 0.428 | | 0.3708 | 31 |
| TOTAL | 15.055 | 10.778 | 24.810 | 25.027 | 14.580 | 12.040 | 12.008 | 10.025 | 10.758 | 13.194 | 13.945 | 16.131 | TOTAL |
| MEAN | 0.486 | 0.385 | 0.784 | 0.834 | 0.470 | 0.401 | 0.387 | 0.333 | 0.358 | 0.426 | 0.445 | 0.520 | MEAN |
| MAX | 0.588 | 0.420 | 1.37 | 2.07 | 0.808 | 0.581 | 0.885 | 0.479 | 0.518 | 0.864 | 0.823 | 0.711 | MAX |
| MIN | 0.380 | 0.380 | 0.808 | 0.548 | 0.401 | 0.324 | 0.278 | 0.272 | 0.281 | 0.338 | 0.373 | 0.370 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.488
MAXIMUM DAILY, 2.07 ON APR 6
MINIMUM DAILY, 0.272 ON AUG 1
MAXIMUM INSTANTANEOUS,
2.38 AT 17:08 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 20 N
LONG 80 05 35 W
DRAINAGE AREA, 32.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 300 | JUL | 1 040 |
| FEB | 831 | AUG | 885 |
| MAR | 2 130 | SEP | 829 |
| APR | 2 180 | OCT | 1 140 |
| MAY | 1 280 | NOV | 1 200 |
| JUN | 1 040 | DEC | 1 390 |

TOTAL DISCHARGE, 15 400 dam³

## CREDIT RIVER NEAR CATARACT - STATION NO 02HB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.69 | 1.66 | 1.81 | 3.78 | 2.04 | 1.33 | 1.05 | 0.884 | 0.844 | 1.54 | 1.48 | 3.15 | 1 |
| 2 | 1.90 | 1.72 | 2.32 | 3.52 | 1.87 | 1.46 | 0.974 | 1.07 | 0.843 | 1.40 | 1.39 | 2.48 | 2 |
| 3 | 1.81 | 1.80 | 2.05 | 3.19 | 1.79 | 1.44 | 1.08 | 1.31 | 0.812 | 1.48 | 1.43 | 2.14 | 3 |
| 4 | 1.82 | 1.77 | 1.80 | 3.12 | 1.77 | 1.34 | 1.18 | 1.14 | 0.782 | 1.40 | 1.51 | 1.98 | 4 |
| 5 | 1.88 | 1.78 | 1.87 | 10.5 | 1.84 | 1.29 | 1.08 | 1.02 | 0.812 | 1.36 | 1.39 | 1.83 | 5 |
| 6 | 1.87 | 1.76 | 1.85 | 20.2 | 1.80 | 1.28 | 1.18 | 0.957 | 0.788 | 1.31 | 1.38 | 1.70 | 6 |
| 7 | 1.82 | 1.73 | 2.49 | 13.2 | 1.87 | 1.28 | 1.57 | 0.949 | 0.811 | 1.55 | 1.28 | 1.54 | 7 |
| 8 | 1.78 | 1.67 | 5.34 | 8.32 | 1.86 | 1.28 | 2.37 | 0.855 | 0.824 | 1.87 | 1.26 | 1.76 | 8 |
| 9 | 1.81 | 1.67 | 5.708 | 5.73 | 1.84 | 1.27 | 2.88 | 1.40 | 0.858 | 1.71 | 1.58 | 2.80 | 9 |
| 10 | 1.82 | 1.71 | 3.808 | 4.42 | 1.80 | 1.20 | 1.80 | 1.71 | 0.852 | 1.44 | 1.47 | 3.55 | 10 |
| 11 | 1.83 | 1.67 | 2.708 | 3.79 | 1.68 | 1.18 | 1.44 | 1.38 | 1.04 | 1.44 | 1.29 | 2.58 | 11 |
| 12 | 1.80 | 1.68 | 2.50 | 3.49 | 1.72 | 1.23 | 1.26 | 1.10 | 1.41 | 1.44 | 1.29 | 2.48 | 12 |
| 13 | 1.78 | 1.548 | 2.20 | 3.62 | 1.82 | 1.21 | 1.11 | 1.05 | 1.39 | 1.53 | 1.29 | 2.32 | 13 |
| 14 | 1.80 | 1.508 | 2.07 | 3.38 | 1.76 | 1.18 | 1.52 | 1.01 | 1.32 | 1.38 | 1.32 | 2.06 | 14 |
| 15 | 1.80 | 1.438 | 1.84 | 3.54 | 2.23 | 1.14 | 1.71 | 0.936 | 1.33 | 1.39 | 1.26 | 1.87 | 15 |
| 16 | 1.92 | 1.388 | 1.98 | 3.28 | 2.01 | 1.08 | 1.35 | 0.916 | 1.30 | 1.35 | 1.27 | 1.82 | 16 |
| 17 | 1.73 | 1.45 | 1.98 | 3.11 | 1.67 | 1.04 | 1.18 | 1.08 | 1.34 | 1.20 | 1.34 | 1.838 | 17 |
| 18 | 1.678 | 1.41 | 2.06 | 2.84 | 1.63 | 1.05 | 1.11 | 1.07 | 1.48 | 1.33 | 1.58 | 1.778 | 18 |
| 19 | 1.708 | 1.38 | 2.24 | 2.88 | 1.58 | 1.01 | 1.08 | 0.949 | 1.52 | 1.22 | 1.61 | 1.81 | 19 |
| 20 | 1.738 | 1.39 | 2.43 | 2.38 | 1.64 | 1.03 | 2.48 | 0.886 | 1.64 | 1.21 | 1.51 | 2.21 | 20 |
| 21 | 1.83 | 1.44 | 2.88 | 2.28 | 1.71 | 1.02 | 2.00 | 0.869 | 1.78 | 1.35 | 1.12 | 2.78 | 21 |
| 22 | 1.77 | 1.41 | 3.09 | 2.23 | 1.88 | 1.52 | 1.47 | 0.872 | 1.83 | 1.40 | 1.108 | 2.38 | 22 |
| 23 | 1.628 | 1.43 | 3.63 | 2.17 | 1.67 | 1.83 | 1.24 | 0.823 | 1.60 | 1.61 | 1.38 | 2.18 | 23 |
| 24 | 1.588 | 1.48 | 3.92 | 2.13 | 1.62 | 1.47 | 1.17 | 0.804 | 1.48 | 1.62 | 1.70 | 1.98 | 24 |
| 25 | 1.528 | 1.52 | 3.98 | 2.15 | 1.57 | 1.54 | 1.11 | 0.785 | 1.48 | 2.28 | 1.82 | 2.57 | 25 |
| 26 | 1.58 | 1.51 | 5.48 | 1.88 | 1.67 | 1.23 | 1.04 | 0.788 | 1.38 | 1.78 | 2.23 | 2.208 | 26 |
| 27 | 1.55 | 1.53 | 4.74 | 1.87 | 1.75 | 0.911 | 0.982 | 0.787 | 1.34 | 2.02 | 1.97 | 1.858 | 27 |
| 28 | 1.57 | 1.48 | 3.88 | 2.17 | 1.80 | 1.08 | 0.923 | 0.801 | 1.86 | 2.50 | 1.88 | 1.838 | 28 |
| 29 | 1.61 | | 3.43 | 2.22 | 1.83 | 1.08 | 0.900 | 0.837 | 1.82 | 1.86 | 2.81 | 1.908 | 29 |
| 30 | 1.61 | | 4.41 | 2.19 | 1.82 | 1.06 | 0.942 | 0.820 | 1.88 | 1.70 | 3.58 | 1.488 | 30 |
| 31 | 1.88 | | 4.88 | | 1.82 | | 0.909 | 0.818 | | 1.61 | | 1.438 | 31 |
| TOTAL | 54.16 | 43.89 | 95.02 | 129.45 | 53.89 | 37.051 | 42.180 | 30.756 | 37.686 | 46.39 | 47.58 | 68.33 | TOTAL |
| MEAN | 1.75 | 1.57 | 3.07 | 4.32 | 1.71 | 1.24 | 1.36 | 0.992 | 1.26 | 1.56 | 1.58 | 2.11 | MEAN |
| MAX | 1.92 | 1.80 | 5.70 | 20.2 | 2.23 | 1.83 | 2.88 | 1.71 | 1.83 | 2.50 | 3.58 | 3.55 | MAX |
| MIN | 1.62 | 1.38 | 1.81 | 1.88 | 1.62 | 0.911 | 0.900 | 0.785 | 0.782 | 1.20 | 1.10 | 1.43 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 20.2 ON APR 6
MINIMUM DAILY, 0.785 ON AUG 26
MAXIMUM INSTANTANEOUS,
22.9 AT 08:40 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 50 08 N
LONG 80 01 21 W
DRAINAGE AREA, 205 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 680 | JUL | 3 640 |
| FEB | 3 790 | AUG | 2 660 |
| MAR | 8 210 | SEP | 3 250 |
| APR | 11 200 | OCT | 4 180 |
| MAY | 4 570 | NOV | 4 110 |
| JUN | 3 200 | DEC | 5 840 |

TOTAL DISCHARGE, 55 100 dam³

## CREDIT RIVER NEAR ORANGEVILLE - STATION NO 02HB013

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.502 | 0.472 | 0.502 | 0.917 | 0.553 | 0.233 | 0.270 | 0.219 | 0.270E | 0.849 | 0.332 | 0.770 | 1 |
| 2 | 0.507 | 0.489 | 0.673 | 0.856 | 0.431 | 0.256 | 0.280 | 0.290 | 0.267E | 0.593 | 0.343 | 0.556 | 2 |
| 3 | 0.482 | 0.511 | 0.516 | 0.773 | 0.373 | 0.253 | 0.408A | 0.409 | 0.252E | 0.800 | 0.358 | 0.487 | 3 |
| 4 | 0.517 | 0.488 | 0.473 | 0.771 | 0.388 | 0.274 | 0.380E | 0.348E | 0.245E | 0.681 | 0.368 | 0.451 | 4 |
| 5 | 0.504 | 0.505 | 0.447 | 3.30 | 0.339 | 0.273 | 0.340E | 0.300E | 0.238E | 0.571 | 0.368 | 0.419 | 5 |
| 6 | 0.518 | 0.494 | 0.510 | 3.91 | 0.332 | 0.289 | 0.320E | 0.287E | 0.237 | 0.556 | 0.383 | 0.398 | 6 |
| 7 | 0.534 | 0.488 | 0.843 | 2.68 | 0.337 | 0.262 | 0.300E | 0.240E | 0.223 | 0.634 | 0.355 | 0.385 | 7 |
| 8 | 0.524 | 0.432 | 2.31 | 1.92 | 0.367 | 0.285 | 0.760E | 0.263E | 0.221 | 0.788 | 0.382 | 0.402 | 8 |
| 9 | 0.522 | 0.486 | 1.85 | 1.42 | 0.342 | 0.284 | 0.580E | 0.280E | 0.221 | 0.597 | 0.448 | 0.827 | 9 |
| 10 | 0.535 | 0.494 | 0.858 | 1.12 | 0.280 | 0.319 | 0.460E | 0.348E | 0.225 | 0.592 | 0.387 | 1.03 | 10 |
| 11 | 0.535 | 0.480 | 0.665 | 0.985 | 0.259 | 0.300 | 0.370E | 0.310E | 0.486 | 0.542 | 0.361 | 0.828 | 11 |
| 12 | 0.528 | 0.447 | 0.647 | 0.919 | 0.317 | 0.288 | 0.310E | 0.280E | 0.674 | 0.515 | 0.345 | 0.580 | 12 |
| 13 | 0.526 | 0.484 | 0.599 | 1.11 | 0.321 | 0.293 | 0.338E | 0.280E | 0.656 | 0.508 | 0.382 | 0.576 | 13 |
| 14 | 0.526 | 0.444 | 0.580 | 0.933 | 0.300 | 0.328 | 0.380E | 0.260E | 0.595 | 0.524 | 0.353 | 0.484 | 14 |
| 15 | 0.573 | 0.451A | 0.525 | 1.04 | 0.431 | 0.334 | 0.360E | 0.240E | 0.582 | 0.535 | 0.328 | 0.388 | 15 |
| 16 | 0.578 | 0.435E | 0.537 | 0.958 | 0.434 | 0.340 | 0.340E | 0.243E | 0.583 | 0.531 | 0.322 | 0.489 | 16 |
| 17 | 0.537 | 0.420E | 0.553 | 0.860 | 0.302 | 0.319 | 0.329A | 0.240E | 0.594 | 0.437 | 0.341 | 0.456 | 17 |
| 18 | 0.528 | 0.403E | 0.577 | 0.785 | 0.267 | 0.311 | 0.285 | 0.268E | 0.631 | 0.389 | 0.414 | 0.419 | 18 |
| 19 | 0.510 | 0.393E | 0.650 | 0.688 | 0.282 | 0.307 | 0.295 | 0.260E | 0.641 | 0.353 | 0.378 | 0.430 | 19 |
| 20 | 0.517 | 0.380E | 0.731 | 0.684 | 0.306 | 0.301 | 0.516 | 0.250E | 0.681 | 0.332 | 0.359 | 0.512 | 20 |
| 21 | 0.530 | 0.365E | 0.754 | 0.685 | 0.329 | 0.286 | 0.485 | 0.242E | 0.724 | 0.528 | 0.289 | 0.719 | 21 |
| 22 | 0.520 | 0.345E | 0.858 | 0.641 | 0.333 | 0.432 | 0.308 | 0.233E | 0.735 | 0.525 | 0.2808 | 0.576 | 22 |
| 23 | 0.491 | 0.338E | 0.948 | 0.510 | 0.357 | 0.587 | 0.269 | 0.227E | 0.647 | 0.539 | 0.288 | 0.501 | 23 |
| 24 | 0.485 | 0.345A | 0.973 | 0.517 | 0.328 | 0.391 | 0.280 | 0.223E | 0.639 | 0.472 | 0.484 | 0.487 | 24 |
| 25 | 0.484 | 0.357 | 1.01 | 0.545 | 0.328 | 0.618 | 0.274 | 0.224E | 0.603 | 0.511 | 0.410 | 0.776 | 25 |
| 26 | 0.491 | 0.378 | 1.48 | 0.633 | 0.375 | 0.176 | 0.262 | 0.226E | 0.589 | 0.415 | 0.518 | 0.6008 | 26 |
| 27 | 0.448 | 0.378 | 1.02 | 0.628 | 0.417 | 0.136 | 0.234 | 0.230E | 0.578 | 0.530 | 0.483 | 0.4808 | 27 |
| 28 | 0.476 | 0.374 | 0.783 | 0.527 | 0.383 | 0.279 | 0.226 | 0.237E | 0.782 | 0.677 | 0.430 | 0.4308 | 28 |
| 29 | 0.486 | | 0.717 | 0.558 | 0.358 | 0.286 | 0.219 | 0.260E | 0.683 | 0.417 | 0.754 | 0.413 | 29 |
| 30 | 0.492 | | 1.26 | 0.654 | 0.627 | 0.303 | 0.231 | 0.260E | 0.701 | 0.387 | 1.05 | 0.404 | 30 |
| 31 | 0.487 | | 1.10 | | 0.323 | | 0.233 | 0.250E | | 0.324 | | 0.392 | 31 |
| TOTAL | 15.890 | 12.125 | 26.080 | 31.497 | 11.140 | 9.383 | 11.144 | 8.174 | 15.143 | 16.204 | 12.319 | 16.395 | TOTAL |
| MEAN | 0.513 | 0.433 | 0.841 | 1.05 | 0.359 | 0.313 | 0.359 | 0.264 | 0.505 | 0.523 | 0.411 | 0.529 | MEAN |
| MAX | 0.578 | 0.511 | 2.31 | 3.91 | 0.627 | 0.618 | 0.760 | 0.408 | 0.782 | 0.788 | 1.05 | 1.03 | MAX |
| MIN | 0.448 | 0.335 | 0.447 | 0.628 | 0.267 | 0.136 | 0.219 | 0.219 | 0.221 | 0.324 | 0.280 | 0.388 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.908
MAXIMUM DAILY, 3.91 ON APR 6
MINIMUM DAILY, 0.136 ON JUN 27
MAXIMUM INSTANTANEOUS
5.02 AT 22:36 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 29 N
LONG 80 03 47 W
DRAINAGE AREA, 82.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 370 | JUL | 983 |
| FEB | 1 050 | AUG | 706 |
| MAR | 2 250 | SEP | 1 310 |
| APR | 2 720 | OCT | 1 400 |
| MAY | 962 | NOV | 1 060 |
| JUN | 811 | DEC | 1 420 |

TOTAL DISCHARGE, 15 000 dam³

## CREDIT RIVER WEST BRANCH AT NORVAL - STATION NO 02HB008

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.59 | 1.04 | 2.45 | 3.94 | 1.44 | 1.05 | 0.558 | 0.315 | 0.322 | 0.436 | 0.535 | 2.18 | 1 |
| 2 | 1.63 | 1.18 | 2.73 | 4.06 | 1.33 | 0.791 | 0.578 | 0.770 | 0.354 | 0.442 | 0.557 | 1.62 | 2 |
| 3 | 1.49 | 1.24 | 2.17 | 3.63 | 1.24 | 0.743 | 0.689 | 0.384 | 0.376 | 0.432 | 0.578 | 1.30 | 3 |
| 4 | 1.30 | 1.24 | 2.04 | 3.90 | 1.20 | 0.684 | 0.669 | 0.284 | 0.333 | 0.427 | 0.591 | 1.14 | 4 |
| 5 | 1.43 | 1.17 | 1.98 | 8.56 | 1.22 | 0.642 | 0.589 | 0.271 | 0.348 | 0.434 | 0.517 | 0.953 | 5 |
| 6 | 1.40 | 1.158 | 2.36 | 10.4 | 1.21 | 0.636 | 0.686 | 0.281 | 0.381 | 0.454 | 0.525 | 0.847 | 6 |
| 7 | 1.39 | 1.148 | 5.02 | 8.24 | 1.14 | 0.705 | 0.651 | 0.284 | 0.332 | 0.527 | 0.518 | 0.739 | 7 |
| 8 | 1.30 | 1.138 | 7.29 | 5.40 | 1.07 | 0.673 | 0.639 | 0.275 | 0.340 | 0.585 | 0.652 | 0.819 | 8 |
| 9 | 1.30 | 1.12 | 8.12 | 4.13 | 1.00 | 0.596 | 0.583 | 0.241 | 0.436 | 0.483 | 0.703 | 1.21 | 9 |
| 10 | 1.31 | 1.128 | 6.52 | 3.36 | 0.968 | 0.578 | 0.539 | 0.269 | 0.434 | 0.470 | 0.898 | 1.40 | 10 |
| 11 | 1.30 | 1.128 | 3.42 | 2.86 | 1.01 | 0.580 | 0.520 | 0.336 | 0.810 | 0.480 | 0.581 | 1.35 | 11 |
| 12 | 1.26 | 1.128 | 2.73 | 3.23 | 0.984 | 0.585 | 0.505 | 0.355 | 0.583 | 0.449 | 0.560 | 1.30 | 12 |
| 13 | 1.28 | 1.128 | 2.42 | 4.24 | 0.943 | 0.534 | 0.509 | 0.386 | 1.01 | 0.450 | 0.581 | 1.18 | 13 |
| 14 | 1.30 | 1.128 | 2.28 | 3.74 | 1.12 | 0.518 | 0.884 | 0.479 | 0.585 | 0.456 | 0.556 | 1.09 | 14 |
| 15 | 1.61 | 1.12 | 2.16 | 3.33 | 1.18 | 0.504 | 0.650 | 0.578 | 0.472 | 0.489 | 0.509 | 1.02 B | 15 |
| 16 | 1.85 | 1.128 | 2.03 | 3.00 | 1.02 | 0.485 | 0.581 | 0.584 | 0.447 | 0.453 | 0.512 | 1.06 B | 16 |
| 17 | 1.30 | 1.128 | 2.05 | 2.86 | 0.937 | 0.477 | 0.530 | 0.504 | 0.844 | 0.528 | 0.781 | 0.9308 | 17 |
| 18 | 1.18 B | 1.138 | 2.08 | 2.43 | 0.824 | 0.484 | 0.471 | 0.472 | 0.735 | 0.484 | 0.752 | 0.9108 | 18 |
| 19 | 1.12 | 1.128 | 2.29 | 2.31 | 0.862 | 0.487 | 0.744 | 0.488 | 0.697 | 0.482 | 0.689 | 0.920 | 19 |
| 20 | 1.05 | 1.138 | 2.56 | 2.15 | 1.01 | 0.446 | 3.13 | 0.485 | 0.614 | 0.484 | 0.6208 | 2.13 | 20 |
| 21 | 1.05 B | 1.138 | 2.69 | 2.03 | 0.874 | 0.458 | 1.40 | 0.416 | 1.34 | 0.533 | 0.5808 | 2.17 | 21 |
| 22 | 1.01 B | 1.13 | 2.83 | 1.83 | 1.06 | 2.12 | 1.00 | 0.417 | 0.741 | 0.553 | 0.5458 | 2.13 | 22 |
| 23 | 0.9408 | 1.148 | 3.03 | 1.62 | 0.852 | 1.17 | 0.742 | 0.385 | 0.606 | 0.734 | 0.5408 | 1.86 | 23 |
| 24 | 0.881 | 1.158 | 2.87 | 1.77 | 0.881 | 0.801 | 0.763 | 0.387 | 0.547 | 0.778 | 0.605 | 1.48 | 24 |
| 25 | 0.8808 | 1.16 | 3.03 | 1.89 | 0.905 | 0.753 | 0.758 | 0.395 | 0.512 | 0.787 | 1.89 | 2.58 | 25 |
| 26 | 0.8708 | 1.14 | 3.98 | 1.58 | 1.03 | 0.693 | 0.838 | 0.374 | 0.478 | 0.686 | 1.84 | 2.10 B | 26 |
| 27 | 0.8708 | 1.15 | 3.83 | 1.85 | 1.07 | 0.885 | 0.586 | 0.380 | 0.456 | 1.13 | 1.38 | 1.80 B | 27 |
| 28 | 0.928 | 1.17 | 2.80 | 1.84 | 1.00 | 0.859 | 0.518 | 0.381 | 0.485 | 0.897 | 1.30 | 1.30 B | 28 |
| 29 | 1.01 | | 2.55 | 1.63 | 0.787 | 0.880 | 0.479 | 0.324 | 0.482 | 0.739 | 2.32 | 0.8808 | 29 |
| 30 | 1.06 | | 3.59 | 1.52 | 0.728 | 0.813 | 0.485 | 0.335 | 0.482 | 0.886 | 2.49 | 0.7408 | 30 |
| 31 | 1.07 | | 4.40 | | 0.889 | | 0.376 | 0.308 | | 0.830 | | 0.6808 | 31 |
| TOTAL | 37.789 | 31.91 | 88.31 | 102.80 | 31.983 | 20.729 | 22.472 | 12.016 | 15.326 | 17.470 | 25.374 | 41.488 | TOTAL |
| MEAN | 1.22 | 1.14 | 2.17 | 3.43 | 1.03 | 0.891 | 0.725 | 0.388 | 0.544 | 0.564 | 0.848 | 1.34 | MEAN |
| MAX | 1.85 | 1.24 | 8.12 | 10.4 | 1.44 | 2.12 | 3.13 | 0.770 | 1.34 | 1.13 | 2.49 | 2.58 | MAX |
| MIN | 0.870 | 1.04 | 1.98 | 1.52 | 0.889 | 0.446 | 0.376 | 0.241 | 0.322 | 0.422 | 0.509 | 0.680 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.26
MAXIMUM DAILY 10.4 ON APR 6
MINIMUM DAILY 0.241 ON AUG 9
MAXIMUM INSTANTANEOUS
11.8 AT 03 42 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 47 N
LONG 79 51 57 W
DRAINAGE AREA 127 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 280 | JUL | 1 940 |
| FEB | 2 780 | AUG | 1 040 |
| MAR | 8 490 | SEP | 1 410 |
| APR | 8 880 | OCT | 1 510 |
| MAY | 2 780 | NOV | 2 190 |
| JUN | 1 790 | DEC | 3 640 |

TOTAL DISCHARGE, 39 800 dam³

## CROWE RIVER AT MARMORA - STATION NO 02HK003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23.2 | 12.2 | 9.41 | 97.0 | 34.0 | 15.1 | 4.88 | 1.17 | 1.14 | 0.774 | 7.21 | 21.4 | 1 |
| 2 | 22.88 | 12.3 | 9.81 | 111 | 31.2 | 14.3 | 4.35 | 1.23 | 1.08 | 0.885 | 7.08 | 24.2 | 2 |
| 3 | 22.68 | 12.3 | 10.2 | 116 | 29.3 | 12.2 | 4.20 | 1.23 | 1.08 | 0.770 | 7.73 | 26.1 | 3 |
| 4 | 22.38 | 12.4 | 10.4 | 118 | 26.6 | 11.8 | 4.23 | 2.16 | 1.07 | 0.702 | 9.74 | 27.3 | 4 |
| 5 | 21.98 | 12.3 B | 10.6 | 124 | 25.1 | 11.2 | 3.95 | 1.06 | 1.08 | 0.782 | 11.2 | 28.8 | 5 |
| 6 | 21.6 | 12.3 | 10.7 | 137 | 25.3 | 9.59 | 5.16 | 1.03 | 1.07 | 0.747 | 11.0 | 29.3 | 6 |
| 7 | 21.1 | 12.2 | 10.9 | 153 | 24.7 | 9.56 | 3.78 | 1.10 | 1.05 | 1.24 | 10.6 | 28.9 | 7 |
| 8 | 20.6 | 12.2 B | 11.5 | 162 | 22.2 | 9.86 | 2.28 | 1.06 | 1.25 | 3.44 | 10.5 | 30.0 | 8 |
| 9 | 20.1 | 12.3 B | 12.6 | 165 | 19.3 | 10.1 | 2.07 | 1.12 | 1.24 | 5.86 | 11.6 | 30.0 | 9 |
| 10 | 19.6 | 12.4 B | 13.6 | 166 | 18.4 | 10.2 | 2.15 | 1.05 | 1.10 | 5.48 | 11.8 | 30.3 | 10 |
| 11 | 19.1 | 12.5 B | 16.1 | 164 | 17.7 | 10.1 | 2.37 | 1.06 | 1.11 | 5.35 | 11.6 | 30.4 | 11 |
| 12 | 18.9 | 12.6 B | 18.5 | 159 | 12.8 | 11.2 | 3.49 | 1.12 | 1.08 | 5.29 | 11.3 | 31.4 | 12 |
| 13 | 18.5 | 12.4 B | 20.4 | 148 | 7.41 | 12.2 | 4.58 | 1.67 | 0.928 | 4.43 | 11.3 | 32.5 | 13 |
| 14 | 18.0 | 12.3 B | 19.6 | 139 | 6.82 | 12.4 | 9.31 | 3.23 | 0.870 | 3.17 | 11.7 | 34.5 | 14 |
| 15 | 17.6 | 12.2 B | 19.3 | 127 | 10.2 | 13.6 | 11.8 | 1.44 | 0.849 | 4.88 | 12.2 | 36.3 | 15 |
| 16 | 17.38 | 12.0 B | 19.2 | 110 | 13.0 | 12.8 | 9.50 | 1.30 | 0.788 | 6.31 | 14.4 | 38.8 | 16 |
| 17 | 16.98 | 11.8 B | 18.7 | 96.2 | 13.2 | 12.3 | 5.88 | 1.28 | 0.828 | 5.88 | 15.1 | 39.4 | 17 |
| 18 | 16.78 | 11.7 B | 18.6 | 91.9 | 13.1 | 13.2 | 5.30 | 1.27 | 0.803 | 5.48 | 15.3 | 38.0 | 18 |
| 19 | 16.58 | 11.6 B | 19.0 | 78.6 | 14.3 | 12.0 | 4.82 | 1.24 | 0.848 | 5.10 | 20.2 | 39.0 | 19 |
| 20 | 16.4 | 11.4 B | 19.4 | 63.0 | 16.1 | 11.6 | 4.08 | 1.18 | 0.738 | 5.52 | 19.1 | 39.4 | 20 |
| 21 | 16.0 | 11.4 | 20.0 | 57.3 | 16.0 | 11.2 | 2.88 | 1.24 | 0.684 | 5.82 | 17.7 | 40.1 | 21 |
| 22 | 15.5 | 11.2 | 21.0 | 34.8 | 16.2 | 9.81 | 2.51 | 1.24 | 0.677 | 7.39 | 16.5 | 39.9 | 22 |
| 23 | 15.28 | 10.6 | 22.8 | 18.6 | 15.7 | 7.88 | 1.88 | 1.20 | 0.841 | 8.54 | 15.6 | 39.9 | 23 |
| 24 | 14.98 | 10.5 | 24.9 | 17.9 | 15.7 | 8.04 | 1.24 | 1.15 | 0.678 | 9.90 | 15.1 | 39.6 | 24 |
| 25 | 14.68 | 10.3 | 29.5 | 20.2 | 15.7 | 6.81 | 1.18 | 1.14 | 0.706 | 9.88 | 14.7 | 40.4 | 25 |
| 26 | 13.0 | 10.2 | 38.5 | 22.0 | 15.8 | 5.20 | 1.17 | 1.10 | 0.710 | 8.78 | 15.5 | 40.8 | 26 |
| 27 | 11.1 | 9.88 | 47.0 | 26.9 | 16.0 | 5.34 | 1.20 | 0.988 | 0.758 | 8.24 | 15.2 | 41.5 | 27 |
| 28 | 11.5 | 9.55 | 52.3 | 25.9 | 16.3 | 6.33 | 1.15 | 1.04 | 0.793 | 7.78 | 15.1 | 41.4 | 28 |
| 29 | 11.5 | | 55.0 | 28.6 | 16.1 | 7.08 | 1.22 | 1.21 | 0.850 | 7.55 | 15.6 | 41.1 | 29 |
| 30 | 11.8 | | 60.2 | 36.3 | 15.9 | 7.12 | 1.14 | 1.12 | 0.828 | 7.82 | 18.0 | 39.58 | 30 |
| 31 | 12.18 | | 76.6 | | 15.4 | | 1.14 | 1.26 | | 7.45 | | 38.58 | 31 |
| TOTAL | 539.1 | 327.04 | 748.82 | 2 833.2 | 595.33 | 306.83 | 114.47 | 38.759 | 26.889 | 161.330 | 405.86 | 1 083.6 | TOTAL |
| MEAN | 17.4 | 11.7 | 24.2 | 94.4 | 17.8 | 10.2 | 3.69 | 1.25 | 0.890 | 5.20 | 13.5 | 35.0 | MEAN |
| MAX | 23.2 | 12.6 | 76.6 | 166 | 34.0 | 15.1 | 11.8 | 3.23 | 1.25 | 9.90 | 20.2 | 41.5 | MAX |
| MIN | 11.1 | 9.55 | 9.41 | 18.6 | 6.82 | 5.61 | 1.14 | 0.999 | 0.603 | 0.703 | 7.08 | 21.4 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 19.6
MAXIMUM DAILY 166 ON APR 10
MINIMUM DAILY 0.603 ON SEP 18
MAXIMUM INSTANTANEOUS
187 AT 08 00 EST ON APR 10

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 54 N
LONG 77 41 08 W
DRAINAGE AREA 1 990 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 46 600 | JUL | 9 880 |
| FEB | 28 300 | AUG | 3 440 |
| MAR | 84 700 | SEP | 2 310 |
| APR | 245 000 | OCT | 13 900 |
| MAY | 48 000 | NOV | 35 100 |
| JUN | 26 500 | DEC | 93 800 |

TOTAL DISCHARGE, 817 000 dam³

## CROWE RIVER NEAR GLEN ALDA - STATION NO. 02HK005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.530 | 3.030 | 2.700 | 17.2 | 10.2 | 4.01 | 2.06 | 1.13 | 0.399 | 0.505 | 4.05 | 5.34 | 1 |
| 2 | 4.380 | 3.070 | 2.710 | 19.4 | 9.76 | 3.85 | 2.10 | 1.04 | 0.376 | 0.548 | 3.90 | 5.27 | 2 |
| 3 | 3.900 | 3.000 | 2.720 | 23.0 | 9.25 | 3.65 | 2.68 | 1.11 | 0.781 | 0.596 | 3.88 | 5.21 | 3 |
| 4 | 3.250 | 2.900 | 2.730 | 24.5 | 8.65 | 3.60 | 2.98 | 1.43 | 0.795 | 0.732 | 3.84 | 5.24 | 4 |
| 5 | 3.630 | 2.850 | 2.750 | 30.6 | 8.15 | 3.88 | 3.06 | 1.37 | 0.703 | 0.550 | 3.84 | 5.28 | 5 |
| 6 | 4.600 | 2.820 | 2.780 | 38.1 | 7.92 | 3.83 | 2.79 | 1.23 | 0.820 | 0.424 | 3.80 | 5.158 | 6 |
| 7 | 4.330 | 2.800 | 2.790 | 44.0 | 7.65 | 3.76 | 2.61 | 1.11 | 0.548 | 0.432 | 3.68 | 5.888 | 7 |
| 8 | 3.460 | 2.820 | 2.810 | 46.4 | 7.14 | 4.07 | 2.48 | 1.13 | 0.448 | 0.877 | 3.56 | 5.55 | 8 |
| 9 | 3.750 | 2.860 | 2.820 | 47.0 | 6.84 | 5.06 | 2.32 | 1.45 | 0.484 | 1.04 | 3.83 | 5.78 | 9 |
| 10 | 4.130 | 2.850 | 2.840 | 46.7 | 6.53 | 8.27 | 2.17 | 1.57 | 0.510 | 0.893 | 3.84 | 7.06 | 10 |
| 11 | 4.000 | 2.880 | 2.880 | 43.2 | 6.20 | 8.47 | 2.11 | 1.43 | 0.424 | 1.02 | 3.41 | 8.90 | 11 |
| 12 | 3.900 | 2.900 | 2.900 | 40.5 | 6.08 | 8.38 | 2.04 | 1.37 | 0.384 | 1.00 | 3.35 | 8.82 | 12 |
| 13 | 3.800 | 2.940 | 2.920 | 37.3 | 5.89 | 8.17 | 2.36 | 1.30 | 0.348 | 0.978 | 3.32 | 7.13 | 13 |
| 14 | 3.680 | 2.900 | 2.880 | 34.2 | 5.72 | 8.85 | 2.71 | 1.31 | 0.483 | 0.922 | 3.26 | 7.19 | 14 |
| 15 | 3.700 | 2.880 | 3.000 | 31.7 | 5.66 | 8.46 | 2.81 | 1.27 | 0.582 | 0.888 | 3.20 | 7.04 | 15 |
| 16 | 3.200 | 2.870 | 3.080 | 28.3 | 5.85 | 4.98 | 2.56 | 1.14 | 0.414 | 1.01 | 3.11 | 7.12 | 16 |
| 17 | 2.840 | 2.840 | 3.100 | 33.1 | 5.45 | 4.51 | 2.29 | 1.27 | 0.380 | 1.24 | 3.06 | 7.758 | 17 |
| 18 | 2.950 | 2.840 | 3.190 | 17.1 | 5.11 | 4.00 | 2.26 | 1.30 | 0.329 | 1.30 | 3.49 | 7.148 | 18 |
| 19 | 3.100 | 2.830 | 3.200 | 15.1 | 5.70 | 3.70 | 2.36 | 1.27 | 0.312 | 1.33 | 3.83 | 8.228 | 19 |
| 20 | 3.300 | 2.800 | 3.350 | 14.2 | 5.41 | 3.48 | 2.25 | 1.17 | 0.376 | 1.24 | 3.82 | 8.438 | 20 |
| 21 | 3.610 | 2.790 | 3.400 | 13.4 | 5.17 | 3.21 | 2.07 | 1.14 | 0.884 | 1.21 | 3.44 | 8.85 | 21 |
| 22 | 3.500 | 2.770 | 3.500 | 12.3 | 5.03 | 3.01 | 2.11 | 1.12 | 0.713 | 1.19 | 3.71 | 10.6 | 22 |
| 23 | 3.420 | 2.750 | 4.05 | 11.7 | 4.78 | 2.84 | 2.02 | 1.05 | 0.591 | 1.28 | 3.35 | 10.3 | 23 |
| 24 | 3.300 | 2.720 | 4.55 | 11.0 | 4.61 | 2.71 | 1.78 | 0.950 | 0.604 | 1.48 | 3.76 | 9.84 | 24 |
| 25 | 3.280 | 2.720 | 5.13 | 10.4 | 4.47 | 2.39 | 1.68 | 0.908 | 0.562 | 2.00 | 3.66 | 10.0 | 25 |
| 26 | 3.200 | 2.710 | 6.01 | 9.88 | 4.26 | 2.00 | 2.01 | 0.837 | 0.550 | 2.20 | 1.86 | 10.0 | 26 |
| 27 | 3.140 | 2.710 | 7.18 | 9.60 | 4.21 | 1.87 | 1.88 | 0.781 | 0.456 | 2.84 | 2.43 | 9.84 | 27 |
| 28 | 3.080 | 2.700 | 8.05 | 10.2 | 4.40 | 1.80 | 1.83 | 0.681 | 0.413 | 4.15 | 2.83 | 8.71 | 28 |
| 29 | 3.020 | | 8.89 | 10.7 | 4.57 | 1.84 | 1.48 | 0.533 | 0.382 | 4.42 | 3.38 | 8.18 | 29 |
| 30 | 3.000 | | 11.4 | 10.8 | 4.38 | 2.01 | 1.21 | 0.421 | 0.430 | 4.39 | 5.41 | 7.758 | 30 |
| 31 | 3.000 | | 15.2 | | 4.15 | | 1.10 | 0.424 | | 4.26 | | 7.488 | 31 |
| TOTAL | 108.94 | 78.58 | 135.77 | 730.88 | 193.03 | 117.47 | 67.97 | 34.245 | 14.987 | 48.884 | 103.45 | 233.90 | TOTAL |
| MEAN | 3.55 | 2.84 | 4.38 | 24.4 | 6.23 | 3.92 | 3.19 | 1.10 | 0.498 | 1.61 | 3.45 | 7.55 | MEAN |
| MAX | 4.60 | 3.07 | 15.2 | 47.0 | 10.2 | 8.47 | 3.06 | 1.57 | 0.795 | 4.42 | 5.41 | 10.6 | MAX |
| MIN | 2.84 | 2.70 | 2.70 | 8.80 | 4.15 | 1.80 | 1.10 | 0.421 | 0.312 | 0.424 | 1.86 | 5.55 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.12
MAXIMUM DAILY, 47.0 ON APR 9
MINIMUM DAILY, 0.312 ON SEP 19
MAXIMUM INSTANTANEOUS,
47.2 AT 16 13 EST ON APR 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 40 N
LONG 77 55 52 W
DRAINAGE AREA, 458 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 9 500 | JUL | 5 870 |
| FEB | 6 870 | AUG | 3 930 |
| MAR | 11 700 | SEP | 1 290 |
| APR | 63 100 | OCT | 4 050 |
| MAY | 16 700 | NOV | 8 940 |
| JUN | 10 100 | DEC | 20 200 |

TOTAL DISCHARGE, 181 000 dam³

## DEPOT CREEK AT BELLROCK - STATION NO. 02HM002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.628 | 1.718 | 1.258 | 4.18 | 1.92 | 2.08 | 1.58 | 1.31 | 1.06 | 0.328 | 0.812 | 6.97 | 1 |
| 2 | 3.548 | 1.708 | 1.478 | 4.04 | 1.73 | 1.99 | 1.50 | 1.37 | 0.958 | 0.234 | 0.851 | 6.12 | 2 |
| 3 | 3.468 | 1.688 | 1.538 | 3.93 | 1.37 | 2.13 | 1.64 | 1.48 | 0.973 | 0.187 | 0.907 | 4.99 | 3 |
| 4 | 3.398 | 1.678 | 1.548 | 3.85 | 1.25 | 2.19 | 1.62 | 1.41 | 0.993 | 0.132 | 0.986 | 4.37 | 4 |
| 5 | 3.318 | 1.658 | 1.558 | 4.82 | 1.26 | 2.06 | 1.61 | 1.38 | 0.981 | 0.079 | 0.977 | 3.73 | 5 |
| 6 | 3.238 | 1.648 | 1.508 | 4.84 | 1.16 | 2.01 | 1.57 | 1.33 | 1.00 | 0.029 | 0.935 | 3.29 | 6 |
| 7 | 3.158 | 1.628 | 1.608 | 4.40 | 1.09 | 1.92 | 1.57 | 1.33 | 1.01 | 0.049 | 0.920 | 2.88 | 7 |
| 8 | 3.118 | 1.618 | 1.958 | 4.09 | 1.04 | 2.08 | 1.59 | 1.34 | 0.993 | 0.092 | 0.997 | 2.66 | 8 |
| 9 | 3.078 | 1.598 | 2.328 | 4.10 | 1.03 | 3.42 | 1.59 | 1.40 | 1.17 | 0.097 | 1.32 | 2.65 | 9 |
| 10 | 3.038 | 1.588 | 2.238 | 4.14 | 1.03 | 2.50 | 1.58 | 1.33 | 1.19 | 0.118 | 1.21 | 2.84 | 10 |
| 11 | 2.988 | 1.588 | 2.208 | 4.86 | 1.01 | 2.41 | 1.55 | 1.33 | 1.27 | 0.721 | 1.18 | 3.17 | 11 |
| 12 | 2.948 | 1.558 | 2.298 | 5.88 | 1.01 | 3.41 | 1.60 | 1.31 | 1.40 | 1.42 | 1.22 | 3.21 | 12 |
| 13 | 2.908 | 1.538 | 2.328 | 8.84 | 1.02 | 2.61 | 1.62 | 1.32 | 1.83 | 1.65 | 1.13 | 3.05 | 13 |
| 14 | 2.868 | 1.528 | 2.388 | 5.45 | 1.01 | 2.96 | 1.70 | 1.30 | 1.58 | 1.86 | 1.11 | 2.84 | 14 |
| 15 | 2.828 | 1.508 | 2.468 | 5.09 | 1.10 | 2.88 | 1.74 | 1.30 | 1.54 | 1.27 | 1.05 | 2.70 | 15 |
| 16 | 2.788 | 1.488 | 2.508 | 4.86 | 1.08 | 2.81 | 1.68 | 1.28 | 1.42 | 0.823 | 1.01 | 2.59 | 16 |
| 17 | 2.738 | 1.318 | 2.568 | 3.93 | 1.08 | 2.31 | 1.65 | 1.26 | 1.24 | 0.838 | 0.994 | 2.41 | 17 |
| 18 | 2.698 | 1.148 | 2.638 | 3.33 | 1.06 | 2.11 | 1.68 | 1.30 | 1.01 | 0.559 | 1.35 | 2.32 | 18 |
| 19 | 2.658 | 1.138 | 2.658 | 3.28 | 1.04 | 1.99 | 1.65 | 1.31 | 0.998 | 0.534 | 1.49 | 2.27 | 19 |
| 20 | 2.618 | 1.138 | 2.758 | 3.26 | 1.01 | 1.87 | 1.65 | 1.26 | 1.08 | 0.532 | 1.58 | 2.41 | 20 |
| 21 | 2.578 | 1.138 | 2.86 | 3.86 | 1.02 | 1.82 | 1.69 | 1.29 | 1.05 | 0.508 | 1.63 | 2.77 | 21 |
| 22 | 2.538 | 1.118 | 3.22 | 3.28 | 1.04 | 1.74 | 1.66 | 1.30 | 0.981 | 0.486 | 1.24 | 2.77 | 22 |
| 23 | 2.488 | 1.118 | 3.71 | 3.02 | 1.10 | 1.71 | 1.64 | 1.30 | 0.976 | 0.469 | 1.12 | 2.82 | 23 |
| 24 | 2.448 | 1.108 | 4.15 | 3.07 | 1.18 | 1.86 | 1.65 | 1.25 | 0.908 | 0.488 | 1.28 | 2.70 | 24 |
| 25 | 2.408 | 1.088 | 4.02 | 1.94 | 1.23 | 1.83 | 1.59 | 1.24 | 0.793 | 0.549 | 1.69 | 3.39 | 25 |
| 26 | 2.368 | 1.088 | 4.10 | 1.86 | 1.23 | 1.73 | 1.38 | 1.29 | 0.724 | 0.567 | 1.90 | 3.92 | 26 |
| 27 | 2.328 | 1.068 | 3.92 | 1.83 | 1.26 | 1.70 | 1.32 | 1.27 | 0.647 | 0.551 | 1.85 | 3.98 | 27 |
| 28 | 2.288 | 1.048 | 3.67 | 2.07 | 1.34 | 1.68 | 1.32 | 1.27 | 0.528 | 0.567 | 1.81 | 3.78 | 28 |
| 29 | 2.158 | | 3.19 | 2.10 | 1.86 | 1.64 | 1.32 | 1.26 | 0.479 | 0.655 | 3.22 | 3.61 | 29 |
| 30 | 1.968 | | 3.21 | 2.10 | 1.93 | 1.64 | 1.34 | 1.17 | 0.472 | 0.615 | 6.60 | 3.568 | 30 |
| 31 | 1.738 | | 3.93 | | 2.11 | | 1.30 | 1.04 | | 0.741 | | 3.90 | 31 |
| TOTAL | 86.08 | 39.05 | 81.65 | 108.57 | 38.37 | 62.47 | 48.64 | 40.37 | 31.054 | 17.244 | 44.139 | 104.28 | TOTAL |
| MEAN | 2.78 | 1.39 | 2.63 | 3.82 | 1.24 | 2.08 | 1.57 | 1.30 | 1.04 | 0.556 | 1.47 | 3.36 | MEAN |
| MAX | 3.62 | 1.71 | 4.15 | 5.84 | 2.11 | 2.96 | 1.74 | 1.48 | 1.83 | 1.65 | 6.60 | 6.97 | MAX |
| MIN | 1.73 | 1.08 | 1.25 | 1.83 | 1.01 | 1.83 | 1.30 | 1.04 | 0.472 | 0.029 | 0.812 | 2.27 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.93
MAXIMUM DAILY, 6.97 ON DEC 1
MINIMUM DAILY, 0.029 ON OCT 6
MAXIMUM INSTANTANEOUS,
7.13 AT 10:22 EST ON DEC 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 17 N
LONG 78 45 48 W
DRAINAGE AREA, 189 km²

B - ICE CONDITIONS

REGULATED SINCE 1987

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 440 | JUL | 4 200 |
| FEB | 3 370 | AUG | 3 480 |
| MAR | 7 080 | SEP | 2 680 |
| APR | 9 340 | OCT | 1 480 |
| MAY | 3 320 | NOV | 3 810 |
| JUN | 5 400 | DEC | 9 010 |

TOTAL DISCHARGE, 60 800 dam³

## DETROIT RIVER AT AMHERSTBURG - STATION NO. 02GH003

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 175.08 | 175.02 | 174.89 | 174.95 | 174.98 | 174.93 | 174.98 | 174.94 | 174.79 | 174.65 | --- | 174.53 | 1 |
| 2 | 175.07 | 174.99 | 174.72 | 174.75 | 174.99 | --- | 175.00 | 174.88 | 174.83 | 174.56 | --- | 174.43 | 2 |
| 3 | 175.02 | 174.97 | 174.86 | 174.93 | 175.03 | --- | 174.94 | 174.92 | 174.86 | 174.71 | --- | 174.57 | 3 |
| 4 | 175.07 | 174.95 | 174.92 | 174.98 | 175.02 | --- | 174.96 | 174.91 | 174.85 | 174.65 | 174.55 | 174.53 | 4 |
| 5 | 175.07 | 174.95 | 174.97 | 175.02 | 174.98 | --- | 175.00 | 174.94 | 174.82 | 174.85 | 174.63 | 174.49 | 5 |
| 6 | 175.06 | 174.94 | 174.93 | 175.01 | 174.98 | --- | 174.98 | 174.91 | 174.81 | 174.63 | 174.46 | 174.54 | 6 |
| 7 | 174.96 | 174.94 | 174.91 | 175.02 | 174.97 | --- | 174.95 | 174.88 | 174.81 | 174.60 | 174.51 | 174.60 | 7 |
| 8 | 174.95 | 174.76 | 174.92 | 175.03 | 174.96 | --- | 174.94 | 174.92 | 174.80 | 174.63 | 174.53 | 174.58 | 8 |
| 9 | 175.04 | 174.92 | 175.02 | 175.03 | 174.93 | --- | 174.95 | 174.90 | 174.77 | 174.62 | 174.55 | 174.45 | 9 |
| 10 | 175.05 | 174.92 | 175.07 | 175.02 | 174.94 | --- | 174.94 | 174.91 | 174.83 | 174.68 | 174.61 | 174.52 | 10 |
| 11 | 174.89 | 174.98 | 175.00 | 175.03 | 174.94 | --- | 174.95 | 174.97 | 174.81 | 174.68 | 174.57 | 174.55 | 11 |
| 12 | 174.90 | 174.91 | 174.89 | 175.02 | 174.97 | --- | 174.94 | 174.95 | 174.81 | 174.85 | 174.47 | 174.35 | 12 |
| 13 | 175.01 | 174.95 | 174.89 | 175.03 | 175.00 | --- | 174.92 | 174.90 | 174.79 | 174.88 | 174.48 | 174.42 | 13 |
| 14 | 175.00 | 175.00 | 174.93 | 175.07 | 174.98 | --- | 174.93 | 174.88 | 174.80 | 174.84 | 174.54 | 174.53 | 14 |
| 15 | 174.98 | 174.94 | 174.96 | 175.05 | 174.98 | --- | 174.99 | 174.97 | 174.81 | 174.84 | 174.58 | 174.53 | 15 |
| 16 | 175.04 | 174.95 | 174.97 | 175.07 | 174.97 | --- | 174.98 | 174.85 | 174.81 | 174.85 | 174.57 | 174.28 | 16 |
| 17 | 175.10 | 174.94 | 174.78 | 175.04 | 174.95 | 174.98 | 174.95 | 174.80 | 174.82 | 174.87 | 174.65 | 174.53 | 17 |
| 18 | 175.03 | 174.83 | 174.77 | 175.02 | 175.01 | 174.93 | 174.93 | 174.84 | 174.82 | 174.58 | 174.38 | 174.57 | 18 |
| 19 | 175.18 | 174.80 | 174.73 | 175.02 | 175.06 | 174.93 | 174.92 | 174.80 | 174.80 | 174.82 | 174.38 | 174.54 | 19 |
| 20 | 174.97 | 174.80 | 174.72 | 175.02 | 174.99 | 174.98 | 174.88 | 174.85 | 174.80 | 174.81 | 174.42 | 174.50 | 20 |
| 21 | 174.92 | 174.82 | 174.77 | 175.01 | 174.98 | 174.98 | 174.92 | 174.81 | 174.77 | 174.50 | 174.42 | 174.48 | 21 |
| 22 | 175.02 | 174.84 | 174.80 | 175.10 | 174.98 | 174.94 | 174.92 | 174.81 | 174.78 | 174.89 | 174.51 | 174.57 | 22 |
| 23 | 174.81 | 174.82 | 174.85 | 175.01 | 174.94 | 174.97 | 174.91 | 174.82 | 174.70 | 174.85 | 174.47 | 174.54 | 23 |
| 24 | 174.93 | 174.84 | 174.89 | 175.04 | 174.98 | 174.98 | 174.90 | 174.84 | 174.78 | 174.85 | 174.44 | 174.62 | 24 |
| 25 | 175.10 | 174.88 | 174.85 | 175.05 | 175.00 | 174.97 | 174.92 | 174.81 | 174.78 | 174.80 | 174.80 | 174.53 | 25 |
| 26 | 175.10 | 174.88 | 174.83 | 175.02 | 174.97 | 174.90 | 174.90 | 174.90 | 174.72 | 174.84 | 174.82 | 174.80 | 26 |
| 27 | 175.01 | 174.86 | 174.87 | 174.97 | 174.98 | 174.98 | 174.94 | 174.91 | 174.75 | 174.88 | 174.72 | 174.58 | 27 |
| 28 | 175.01 | 174.88 | 174.86 | 174.93 | 174.98 | 174.98 | 174.91 | 174.92 | 174.74 | 174.88 | 174.88 | 174.76 | 28 |
| 29 | 175.12 | | 174.89 | 174.88 | 174.94 | 174.89 | 174.91 | 174.88 | 174.70 | 174.80 | 174.57 | 174.61 | 29 |
| 30 | 174.88 | | 174.87 | 174.84 | 174.84 | 174.91 | 174.88 | 174.85 | 174.84 | --- | 174.42 | 174.83 | 30 |
| 31 | 175.00 | | 174.83 | | 174.85 | | 174.95 | 174.78 | | --- | | 174.47 | 31 |
| MEAN | 175.02 | 174.91 | 174.87 | 175.00 | 174.97 | --- | 174.94 | 174.87 | 174.79 | --- | --- | 174.53 | MEAN |
| MAX | 175.18 | 175.02 | 175.07 | 175.10 | 175.06 | --- | 175.00 | 174.97 | 174.85 | --- | --- | 174.76 | MAX |
| MIN | 174.81 | 174.76 | 174.72 | 174.75 | 174.83 | --- | 174.88 | 174.78 | 174.84 | --- | --- | 174.28 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY. 175.18 ON JAN 19
MINIMUM DAILY. 174.28 ON DEC 16
MAXIMUM INSTANTANEOUS.
175.57 AT 13 55 EST ON JAN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 08 40 N
LONG 83 06 52 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11685 AMHERSTBURG

## DETROIT RIVER AT LA SALLE - STATION NO. 02GH007

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 175.20 | 175.01 | 175.06 | 175.08 | --- | --- | --- | 174.93 | 174.84 | 174.79 | 174.69 | 1 |
| 2 | --- | 175.16 | 174.89 | 174.89 | 175.10 | 175.08 | --- | --- | 174.86 | 174.72 | 174.78 | 174.60 | 2 |
| 3 | 175.15 | 175.11 | 175.02 | 175.06 | 175.12 | 175.08 | --- | --- | --- | 175.00 | 174.85 | 174.74 | 174.71 | 3 |
| 4 | 175.19 | 175.09 | 175.07 | 175.06 | --- | 175.07 | --- | 175.05 | 175.00 | 174.80 | 174.71 | 174.68 | 174.85 | 4 |
| 5 | 175.19 | 175.09 | 175.12 | 175.12 | --- | 175.07 | --- | 175.08 | 174.87 | 174.78 | 174.80 | 174.85 | 174.85 | 5 |
| 6 | 175.18 | 175.07 | 175.07 | 175.12 | --- | 175.08 | --- | 175.05 | 174.86 | 174.76 | 174.82 | 174.69 | 174.85 | 6 |
| 7 | --- | 175.06 | 175.06 | 175.14 | --- | 175.03 | --- | 175.02 | 174.95 | 174.74 | 174.86 | 174.73 | 174.85 | 7 |
| 8 | --- | 174.91 | 175.06 | 175.15 | --- | 175.01 | --- | 175.04 | 174.94 | 174.77 | 174.89 | 174.70 | 174.85 | 8 |
| 9 | --- | 175.06 | 175.15 | 175.14 | --- | 175.06 | --- | 175.03 | 174.82 | 174.76 | 174.70 | 174.82 | 174.85 | 9 |
| 10 | 175.16 | 175.07 | 175.14 | 175.14 | --- | 175.06 | --- | 175.04 | 174.88 | 174.81 | 174.75 | 174.87 | 174.85 | 10 |
| 11 | 175.04 | 175.10 | 175.12 | 175.14 | --- | 175.08 | --- | 175.09 | 174.86 | 174.81 | 174.71 | 174.70 | 174.85 | 11 |
| 12 | 175.03 | 175.04 | 175.02 | 175.13 | --- | 175.03 | --- | 175.08 | 174.86 | 174.78 | 174.82 | 174.84 | 174.85 | 12 |
| 13 | 175.14 | 175.08 | 175.01 | 175.14 | --- | 175.08 | --- | 175.04 | 174.84 | 174.81 | 174.84 | 174.86 | 174.85 | 13 |
| 14 | 175.12 | 175.10 | 175.06 | 175.17 | --- | 175.04 | --- | 175.03 | 174.85 | 174.78 | 174.89 | 174.88 | 174.85 | 14 |
| 15 | 175.11 | 175.08 | 175.06 | 175.15 | --- | 175.08 | --- | 175.01 | 174.86 | 174.78 | 174.92 | 174.70 | 174.85 | 15 |
| 16 | 175.16 | 175.04 | 174.96 | 175.17 | --- | 175.08 | --- | 174.98 | 174.86 | 174.78 | 174.71 | --- | 174.85 | 16 |
| 17 | 175.21 | 175.03 | 174.85 | 175.14 | --- | --- | --- | 174.86 | 174.86 | 174.70 | 174.70 | 174.89 | 174.85 | 17 |
| 18 | 175.18 | 174.93 | 174.84 | 175.12 | --- | --- | --- | 174.86 | 174.86 | 174.73 | 174.81 | 174.72 | 174.85 | 18 |
| 19 | 175.28 | 174.90 | 174.81 | 175.12 | --- | --- | --- | 174.86 | 174.85 | 174.76 | 174.82 | 174.70 | 174.85 | 19 |
| 20 | 175.11 | 174.91 | 174.80 | 175.12 | --- | --- | --- | 174.88 | 174.84 | 174.74 | 174.88 | 174.88 | 174.85 | 20 |
| 21 | 175.08 | 174.94 | 174.86 | 175.12 | --- | --- | --- | 174.87 | 174.82 | 174.88 | 174.88 | 174.83 | 174.85 | 21 |
| 22 | 175.15 | 174.98 | 174.82 | 175.18 | --- | --- | --- | 174.87 | 174.83 | 174.72 | 174.86 | 174.73 | 174.85 | 22 |
| 23 | 174.98 | 174.94 | 174.96 | 175.12 | --- | --- | --- | 174.88 | 174.86 | 174.89 | 174.82 | 174.70 | 174.85 | 23 |
| 24 | 175.07 | 174.87 | 175.00 | 175.13 | --- | --- | --- | 174.88 | 174.81 | 174.70 | 174.80 | 174.77 | 174.85 | 24 |
| 25 | 175.25 | 174.98 | 174.96 | 175.14 | --- | --- | --- | 174.98 | 174.81 | 174.73 | 174.74 | 174.74 | 174.85 | 25 |
| 26 | 175.27 | 175.00 | 174.96 | 175.12 | --- | --- | --- | 175.03 | 174.88 | 174.77 | 174.78 | 174.75 | 174.85 | 26 |
| 27 | 175.18 | 175.05 | 175.00 | 175.08 | --- | --- | --- | 175.06 | 174.80 | 174.73 | 174.84 | 174.74 | 174.85 | 27 |
| 28 | 175.18 | 175.07 | 175.00 | 175.04 | --- | --- | --- | 175.07 | 174.85 | 174.73 | 174.79 | 174.89 | 174.85 | 28 |
| 29 | 175.28 | | 175.02 | 175.06 | --- | --- | --- | 175.02 | 174.85 | 174.74 | 174.72 | 174.78 | 174.85 | 29 |
| 30 | 175.19 | | 175.00 | 175.06 | --- | --- | --- | 175.01 | 174.80 | 174.73 | 174.58 | 174.78 | 174.85 | 30 |
| 31 | 175.19 | | 174.96 | | --- | | --- | 174.97 | | 174.78 | | 174.84 | 174.85 | 31 |
| MEAN | --- | 175.03 | 174.99 | 175.11 | --- | --- | --- | --- | 174.93 | 174.76 | 174.86 | --- | MEAN |
| MAX | --- | 175.20 | 175.18 | 175.18 | --- | --- | --- | --- | 175.00 | 174.86 | 174.84 | --- | MAX |
| MIN | --- | 174.90 | 174.80 | 174.89 | --- | --- | --- | --- | 174.80 | 174.86 | 174.51 | --- | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY. 175.28 ON JAN 19
MINIMUM DAILY. 174.51 ON NOV 18
MAXIMUM INSTANTANEOUS.
175.51 AT 14 10 EST ON JAN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 14 30 N
LONG 83 08 19 W
DATA CONTRIBUTED BY
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11685 LA SALLE

## DINGMAN CREEK BELOW LAMBETH - STATION NO. 02GE005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.20 | 0.350B | 1.00 B | 5.12 | 0.456 | 0.189 | 0.140 | 0.053 | 0.280 | 0.189 | 0.228 | 1.73 | 1 |
| 2 | 1.23 | 0.345B | 8.00 B | 10.5 | 0.412 | 0.448 | 0.145 | 0.505 | 0.195 | 0.150 | 0.215 | 1.30 E | 2 |
| 3 | 1.18 | 0.340B | 7.00 B | 4.64 | 0.400 | 0.186 | 0.128 | 0.446 | 0.195 | 1.02 | 0.204 | 1.01 | 3 |
| 4 | 0.986 | 0.336B | 5.40 B | 4.84 | 0.312 | 0.153 | 0.165 | 0.408 | 0.140 | 0.192 | 0.234 | 1.10 | 4 |
| 5 | 1.14 | 0.335B | 5.00 B | 7.50 E | 0.143 | 0.128 | 0.138 | 0.248 | 0.130 | 0.138 | 0.174 | 0.910 | 5 |
| 6 | 0.870 | 0.333B | 5.80 B | 10.4 | 0.344 | 0.128 | 0.120 | 0.222 | 0.088 | 0.115 | 0.234 | 0.878 | 6 |
| 7 | 0.850 | 0.330B | 9.88 | 5.45 | 0.300 | 0.125 | 0.115 | 0.138 | 0.088 | 0.162 | 0.234 | 0.846 | 7 |
| 8 | 1.13 | 0.328B | 16.3 | 2.87 | 0.298 | 0.125 | 0.098 | 0.135 | 0.028 | 0.135 | 0.268 | 0.750 | 8 |
| 9 | 1.02 | 0.325B | 12.4 | 1.84 | 0.288 | 0.150 | 0.093 | 0.231 | 0.078 | 0.228 | 0.570 | 1.37 | 9 |
| 10 | 2.26 | 0.323B | 4.30 B | 1.40 | 0.300 | 0.165 | 0.113 | 0.672 | 0.078 | 0.156 | 0.272 | 1.41 | 10 |
| 11 | 0.934 | 0.320B | 3.30 B | 1.20 | 0.284 | 0.123 | 0.105 | 0.372 | 0.118 | 0.204 | 0.272 | 1.84 | 11 |
| 12 | 1.02 | 0.318B | 1.70 | 0.885 | 0.320 | 0.165 | 0.105 | 0.222 | 0.372 | 0.204 | 0.188 | 3.32 | 12 |
| 13 | 0.830 | 0.315B | 1.20 | 3.74 | 0.237 | 0.256 | 0.075 | 0.185 | 0.830 | 0.192 | 0.180 | 1.80 | 13 |
| 14 | 0.870 | 0.313B | 1.18 | 1.83 | 0.207 | 0.174 | 1.07 | 0.153 | 0.284 | 0.150 | 0.192 | 1.27 | 14 |
| 15 | 3.38 | 0.312B | 1.08 | 1.85 | 1.20 | 0.120 | 1.79 | 0.148 | 0.218 | 0.163 | 0.150 | 3.53 | 15 |
| 16 | 3.83 | 0.310B | 1.02 | 1.42 | 0.268 | 0.093 | 0.133 | 0.143 | 0.292 | 0.135 | 0.145 | 6.51 | 16 |
| 17 | 2.30 | 0.308B | 0.980 | 1.05 | 0.272 | 0.093 | 0.070 | 0.180 | 0.322 | 0.135 | 0.145 | 3.26 | 17 |
| 18 | 1.45 | 0.306B | 0.902 | 0.854 | 0.213 | 0.096 | 0.048 | 0.168 | 0.284 | 0.416 | 0.176 | 2.42 | 18 |
| 19 | 0.900B | 0.304B | 0.782 | 0.708 | 0.348 | 0.095 | 0.138 | 0.177 | 0.272 | 0.168 | 0.140 | 1.80 | 19 |
| 20 | 0.800B | 0.302B | 0.854 | 0.918 | 0.231 | 0.100 | 0.083 | 0.177 | 0.213 | 0.133 | 0.1508 | 14.8 | 20 |
| 21 | 0.480B | 0.301B | 0.902 | 0.744 | 0.284 | 0.088 | 0.038 | 0.125 | 0.288 | 0.125 | 0.1508 | 14.8 | 21 |
| 22 | 0.440B | 0.300B | 0.790 | 0.648 | 0.228 | 1.05 | 0.083 | 0.158 | 0.296 | 0.304 | 0.188 | 4.70 | 22 |
| 23 | 0.420B | 0.298B | 0.854 | 0.495 | 0.228 | 0.744 | 0.060 | 0.201 | 0.223 | 0.280E | 0.424 | 2.87 | 23 |
| 24 | 0.410B | 0.288B | 0.870 | 0.595 | 0.195 | 0.500E | 0.075 | 0.113 | 0.188 | 0.234 | 1.57 | 2.87 | 24 |
| 25 | 0.400B | 0.297B | 0.790 | 0.452 | 0.201 | 0.300E | 0.058 | 0.113 | 0.143 | 0.845 | 3.43 | 4.02 | 25 |
| 26 | 0.390B | 0.296B | 0.774 | 0.538 | 0.237 | 0.192 | 0.068 | 0.118 | 0.180E | 0.384 | 12.1 | 3.72 | 26 |
| 27 | 0.378B | 0.295B | 0.782 | 0.485 | 0.198 | 0.185 | 0.038 | 1.17 | 0.138 | 1.86 | 3.21 | 1.88 | 27 |
| 28 | 0.370B | 0.420B | 0.788 | 0.868 | 0.218 | 0.183 | 0.038 | 0.278 | 0.140 | 0.878 | 1.47 | 1.30 E | 28 |
| 29 | 0.365B | | 0.780 | 0.818 | 0.198 | 0.237 | 0.068 | 0.231 | 0.123 | 14.1 | 2.18 | 1.05 B | 29 |
| 30 | 0.360B | | 0.989 | 0.488 | 0.185 | 0.198 | 0.013 | 0.188 | 0.304 | 0.344 | 2.75 | 1.04 B | 30 |
| 31 | 0.355B | | 3.00 E | | 0.189 | | 0.040 | 0.185 | | 0.292 | | 1.02 B | 31 |
| TOTAL | 32.328 | 8.983 | 100.487 | 74.448 | 8.170 | 8.811 | 5.439 | 8.283 | 8.345 | 23.898 | 31.802 | 89.434 | TOTAL |
| MEAN | 1.04 | 0.320 | 3.24 | 2.48 | 0.296 | 0.227 | 0.175 | 0.287 | 0.212 | 0.774 | 1.05 | 2.86 | MEAN |
| MAX | 3.83 | 0.420 | 16.3 | 10.5 | 1.20 | 1.05 | 1.79 | 1.17 | 0.830 | 14.1 | 12.1 | 14.8 | MAX |
| MIN | 0.355 | 0.295 | 0.788 | 0.452 | 0.143 | 0.088 | 0.013 | 0.053 | 0.028 | 0.115 | 0.140 | 0.750 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.09
MAXIMUM DAILY, 16.3 ON MAR 8
MINIMUM DAILY, 0.013 ON JUL 30

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 42 58 02 N
LONG 81 21 05 W
DRAINAGE AREA, 148 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 790 | JUL | 470 |
| FEB | 774 | AUG | 718 |
| MAR | 8 680 | SEP | 848 |
| APR | 6 430 | OCT | 2 070 |
| MAY | 782 | NOV | 2 750 |
| JUN | 588 | DEC | 7 730 |

TOTAL DISCHARGE, 34 300 dam³

## DON RIVER AT TODMORDEN - STATION NO. 02HC024

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.52 | 2.24 | 24.4 | 7.88 | 2.06 | 4.78 | 1.53 | 1.48 | 2.58 | 1.84 | 1.67 | 8.40 | 1 |
| 2 | 3.22 | 2.87 | 22.6 | 11.0 | 2.06 | 3.24 | 1.82 | 7.05 | 1.77 | 1.81 | 1.51 | 3.38 | 2 |
| 3 | 2.97 | 4.83 | 8.72 | 6.81 | 1.88 | 2.06 | 2.88 | 3.70 | 1.54 | 1.55 | 3.67 | 2.65 | 3 |
| 4 | 2.54 | 3.43 | 5.85 | 14.7 | 1.82 | 1.78 | 3.67 | 3.01 | 1.37 | 1.47 | 2.31 | 2.55 | 4 |
| 5 | 2.44 | 2.33 | 3.38 | 17.0 | 1.87 | 1.88 | 1.68 | 1.87 | 1.32 | 1.52 | 1.88 | 2.13 | 5 |
| 6 | 2.42 | 2.22 | 5.08 | 14.5 | 1.74 | 1.75 | 3.32 | 1.81 | 1.33 | 1.56 | 1.54 | 1.83 | 6 |
| 7 | 2.47 | 2.65 | 11.0 | 11.5 | 1.78 | 3.05 | 8.89 | 1.85 | 1.32 | 7.15 | 1.53 | 1.70 | 7 |
| 8 | 2.30 | 4.38 | 12.6 | 8.87 | 1.73 | 4.42 | 14.2 | 1.49 | 3.32 | 4.35 | 3.85 | 1.88 | 8 |
| 9 | 2.22 | 2.31 | 12.7 | 4.72 | 1.82 | 2.07 | 8.22 | 13.0 | 2.13 | 2.55 | 8.78 | 5.21 | 9 |
| 10 | 2.78 | 2.84 | 4.86 | 3.67 | 1.73 | 1.88 | 4.80 | 3.89 | 1.44 | 1.50 | 2.19 | 3.88 | 10 |
| 11 | 3.05 | 2.42 | 3.28 | 3.28 | 2.78 | 1.81 | 2.97 | 2.81 | 2.84 | 1.48 | 1.82 | 2.88 | 11 |
| 12 | 2.88 | 2.38 | 3.02 | 8.11 | 1.88 | 3.13 | 2.01 | 1.84 | 2.30 | 1.48 | 1.74 | 3.30 | 12 |
| 13 | 2.82 | 1.88 | 2.74 | 6.22 | 1.87 | 6.51 | 6.82 | 1.88 | 7.52 | 1.50 | 1.80 | 2.38 | 13 |
| 14 | 3.01 | 1.78 | 2.87 | 4.03 | 3.00 | 2.54 | 15.2 | 1.54 | 3.38 | 1.40 | 1.54 | 2.03 | 14 |
| 15 | 8.88 | 1.62 | 3.45 | 3.87 | 4.04 | 1.81 | 3.81 | 1.48 | 1.84 | 1.45 | 1.50 | 8.74 | 15 |
| 16 | 3.56 | 1.85 | 2.41 | 3.53 | 1.84 | 1.87 | 2.87 | 2.26 | 1.48 | 1.47 | 1.46 | 8.10 | 16 |
| 17 | 2.58 | 1.78 | 2.37 | 2.84 | 1.75 | 1.85 | 2.48 | 4.58 | 3.63 | 3.24 | 2.77 | 3.80 | 17 |
| 18 | 2.51 | 1.82 | 2.32 | 2.78 | 1.85 | 1.49 | 1.83 | 2.18 | 5.84 | 2.71 | 4.20 | 2.88 | 18 |
| 19 | 2.35 | 1.87 | 2.36 | 2.87 | 1.72 | 1.46 | 1.77 | 1.49 | 5.14 | 1.87 | 2.07 | 2.41 | 19 |
| 20 | 2.33 | 2.08 | 2.44 | 2.85 | 1.71 | 1.44 | 13.0 | 1.40 | 8.58 | 1.58 | 1.87 | 15.8 | 20 |
| 21 | 2.58 | 2.21 | 2.48 | 2.85 | 1.70 | 1.37 | 2.78 | 1.38 | 13.7 | 1.50 | 1.83 | 8.82 | 21 |
| 22 | 2.40 | 2.40 | 2.83 | 2.44 | 1.87 | 18.4 | 2.21 | 1.38 | 5.47 | 1.84 | 1.47 | 8.34 | 22 |
| 23 | 2.28 | 2.54 | 2.82 | 2.70 | 1.78 | 3.81 | 1.75 | 1.25 | 3.84 | 8.32 | 1.50 | 4.87 | 23 |
| 24 | 1.83 | 2.40 | 2.85 | 2.46 | 1.71 | 2.88 | 2.82 | 1.15 | 1.78 | 5.08 | 1.83 | 3.44 | 24 |
| 25 | 1.85 | 2.18 | 3.43 | 2.35 | 1.88 | 3.08 | 2.54 | 1.31 | 1.83 | 4.81 | 20.1 | 7.44 | 25 |
| 26 | 1.88 | 2.13 | 4.87 | 2.11 | 4.31 | 8.87 | 1.80 | 1.33 | 1.58 | 2.28 | 12.8 | 4.46 | 26 |
| 27 | 1.82 | 2.15 | 3.18 | 3.78 | 18.8 | 2.33 | 1.47 | 1.34 | 3.13 | 4.88 | 6.42 | 3.40 | 27 |
| 28 | 1.58 | 2.44 | 2.84 | 3.85 | 4.33 | 2.13 | 1.43 | 1.40 | 6.54 | 3.02 | 3.35 | 3.00 | 28 |
| 29 | 7.01 | | 2.80 | 2.54 | 2.17 | 1.88 | 1.45 | 2.53 | 2.88 | 2.06 | 20.3 | 2.09 | 29 |
| 30 | 2.50 | | 7.35 | 2.22 | 4.37 | 1.66 | 3.98 | 1.47 | 2.50 | 1.74 | 8.90 | 1.78 | 30 |
| 31 | 2.88 | | 7.01 | | 2.39 | | 1.83 | 7.28 | | 1.87 | | 2.35 | 31 |
| TOTAL | 81.80 | 67.48 | 176.62 | 186.50 | 85.53 | 93.86 | 127.90 | 81.35 | 101.84 | 78.38 | 124.31 | 138.41 | TOTAL |
| MEAN | 2.63 | 2.41 | 5.76 | 5.55 | 2.76 | 3.13 | 4.13 | 2.82 | 3.39 | 2.53 | 4.14 | 4.40 | MEAN |
| MAX | 8.88 | 4.83 | 24.4 | 17.0 | 18.8 | 18.4 | 15.2 | 13.0 | 13.7 | 7.15 | 20.3 | 19.8 | MAX |
| MIN | 1.83 | 1.62 | 2.32 | 2.11 | 1.85 | 1.37 | 1.43 | 1.15 | 1.32 | 1.40 | 1.46 | 1.70 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.83
MAXIMUM DAILY, 24.4 ON MAR 1
MINIMUM DAILY, 1.15 ON AUG 26
MAXIMUM INSTANTANEOUS,
112 AT 17:36 EST ON MAY 27

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 50 N
LONG 79 21 15 W
DRAINAGE AREA, 318 km²

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 050 | JUL | 11 100 |
| FEB | 5 830 | AUG | 7 030 |
| MAR | 15 400 | SEP | 8 780 |
| APR | 14 400 | OCT | 8 770 |
| MAY | 7 380 | NOV | 10 700 |
| JUN | 8 110 | DEC | 11 800 |

TOTAL DISCHARGE, 114 000 dam³

## DON RIVER AT YORK MILLS - STATION NO. 02HC005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.23 | 0.380 | 2.92 | 1.56 | 0.389 | 0.350 | 0.255E | 0.233 | 0.584 | 0.400E | 0.330E | 3.71 | 1 |
| 2 | 0.987 | 0.440 | 4.06 | 1.85 | 0.328 | 0.483 | 0.240E | 1.14 | 0.316 | 0.380E | 0.320E | 0.889 | 2 |
| 3 | 0.788 | 0.761 | 3.92 | 2.13 | 0.313 | 0.329 | 1.15 E | 1.06 | 0.239 | 0.335E | 0.860E | 0.751 | 3 |
| 4 | 0.664 | 0.710 | 2.27 | 3.60 | 0.313 | 0.271 | 0.700E | 0.572 | 0.205 | 0.295E | 0.517E | 0.688 | 4 |
| 5 | 0.631 | 0.433 | 0.906 | 4.00 | 0.322 | 0.270 | 0.260E | 0.277 | 0.201 | 0.312E | 0.380 | 0.557 | 5 |
| 6 | 0.647E | 0.358 | 1.26 | 4.90 | 0.289 | 0.288 | 0.440E | 0.238 | 0.197 | 0.310E | 0.334 | 0.444 | 6 |
| 7 | 0.688E | 0.447 | 1.87 | 3.83 | 0.271 | 0.327 | 4.80 E | 0.220 | 0.200 | 1.80 E | 0.311 | 0.393 | 7 |
| 8 | 0.540E | 0.864 | 4.94 | 3.26 | 0.273 | 0.488 | 2.00 E | 0.236 | 0.395 | 0.800E | 0.599 | 0.418 | 8 |
| 9 | 0.400E | 0.484 | 6.90 | 1.20 | 0.270 | 0.339 | 1.30 E | 1.50 | 0.337E | 0.500E | 1.05 | 1.02 | 9 |
| 10 | 0.430E | 0.432 | 1.50 | 0.906 | 0.295 | 0.238 | 0.900E | 1.14 | 0.231E | 0.350E | 0.529 | 1.11 | 10 |
| 11 | 0.445E | 0.415 | 0.837 | 0.755 | 0.495 | 0.220 | 0.580E | 0.980 | 0.351E | 0.330E | 0.426 | 0.750 | 11 |
| 12 | 0.458E | 0.389 | 0.676 | 1.35 | 0.380 | 0.459 | 0.320E | 0.488 | 0.818E | 0.350E | 0.379 | 0.737 | 12 |
| 13 | 0.480E | 0.336 | 0.593 | 1.32 | 0.339 | 1.10 | 0.700E | 0.287 | 5.62 E | 0.335E | 0.312 | 0.585 | 13 |
| 14 | 0.528E | 0.276 | 0.553 | 1.12 | 0.483 | 0.787 | 3.10 E | 0.271 | 0.937E | 0.320E | 0.280 | 0.441 | 14 |
| 15 | 1.03 | 0.256 | 0.519 | 0.888 | 0.714 | 0.378 | 1.50 E | 0.238 | 0.231E | 0.321E | 0.314 | 1.18 | 15 |
| 16 | 0.840 | 0.241 | 0.514 | 0.882 | 0.432 | 0.288 | 0.700E | 0.380 | 0.280E | 0.322E | 0.256 | 1.44 | 16 |
| 17 | 0.555 | 0.2388 | 0.521 | 0.588 | 0.383 | 0.220 | 0.305E | 0.815 | 0.400E | 0.860E | 0.887 | 1.17 | 17 |
| 18 | 0.458 | 0.2788 | 0.510 | 0.531 | 0.330 | 0.198 | 0.290E | 0.422 | 1.00 E | 0.700E | 0.833 | 0.858 | 18 |
| 19 | 0.431 | 0.2788 | 0.547 | 0.480 | 0.313 | 0.202 | 0.320E | 0.265 | 1.20 E | 0.290E | 0.590 | 0.579 | 19 |
| 20 | 0.386 | 0.3038 | 0.615 | 0.462 | 0.307 | 0.218 | 1.70 E | 0.223 | 1.12 E | 0.310E | 0.418 | 2.41 | 20 |
| 21 | 0.419 | 0.350 | 0.508 | 0.462 | 0.318 | 0.198 | 1.20 E | 0.210 | 2.00 E | 0.320E | 0.323 | 2.34 | 21 |
| 22 | 0.3678 | 0.394 | 0.607 | 0.418 | 0.383 | 2.02 | 0.857E | 0.220 | 4.00 E | 0.420E | 0.285 | 3.50 | 22 |
| 23 | 0.3248 | 0.454 | 0.631 | 0.451 | 0.383 | 1.12 | 0.338 | 0.200 | 0.580E | 1.25 E | 0.282 | 1.87 | 23 |
| 24 | 0.314 | 0.431 | 0.655 | 0.418 | 0.330 | 0.877 | 0.389 | 0.193 | 0.440E | 1.30 E | 0.272 | 0.843 | 24 |
| 25 | 0.278 | 0.377 | 0.783 | 0.388 | 0.273 | 0.483 | 0.330 | 0.191 | 0.300E | 0.800E | 2.58 | 1.41 | 25 |
| 26 | 0.259 | 0.369 | 1.04 | 0.328 | 0.787 | 1.15 | 0.269 | 0.185 | 0.320E | 0.400E | 3.05 | 1.19 | 26 |
| 27 | 0.252 | 0.388 | 0.887 | 0.534 | 1.43 | 0.458 | 0.237 | 0.201 | 0.500E | 1.02 E | 3.50 | 1.15 | 27 |
| 28 | 0.2458 | 0.484 | 0.742 | 0.648 | 0.482 | 0.4048 | 0.230 | 0.280 | 0.840E | 0.640E | 1.19 | 0.984 | 28 |
| 29 | 0.2428 | | 0.688 | 0.448 | 0.297 | 0.320E | 0.238 | 0.381 | 0.800E | 0.480E | 2.55 | 0.518 | 29 |
| 30 | 0.407 | | 1.35 | 0.378 | 0.255 | 0.280E | 0.633 | 0.286 | 0.405E | 0.380E | 2.97 | 0.385 | 30 |
| 31 | 0.407 | | 1.33 | | 0.277 | | 0.280 | 1.25 | | 0.350E | | 0.379 | 31 |
| TOTAL | 16.105 | 11.382 | 45.772 | 38.688 | 12.284 | 14.800 | 25.321 | 14.483 | 24.845 | 16.880 | 26.757 | 34.779 | TOTAL |
| MEAN | 0.520 | 0.405 | 1.48 | 1.32 | 0.397 | 0.493 | 0.849 | 0.468 | 0.822 | 0.544 | 0.892 | 1.12 | MEAN |
| MAX | 1.23 | 0.761 | 6.90 | 4.90 | 1.43 | 2.02 | 4.80 | 1.50 | 5.62 | 1.80 | 3.50 | 3.71 | MAX |
| MIN | 0.242 | 0.239 | 0.510 | 0.328 | 0.255 | 0.198 | 0.230 | 0.191 | 0.197 | 0.295 | 0.282 | 0.379 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.778
MAXIMUM DAILY, 6.90 ON MAR 9
MINIMUM DAILY, 0.191 ON AUG 25
MAXIMUM INSTANTANEOUS,
12.3 AT 15:10 EST ON AUG 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 21 N
LONG 79 24 05 W
DRAINAGE AREA, 88.1 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 390 | JUL | 2 270 |
| FEB | 982 | AUG | 1 250 |
| MAR | 3 950 | SEP | 2 130 |
| APR | 3 430 | OCT | 1 460 |
| MAY | 1 080 | NOV | 2 310 |
| JUN | 1 280 | DEC | 3 000 |

TOTAL DISCHARGE, 24 500 dam³

## DUFFINS CREEK ABOVE PICKERING - STATION NO. 02HC019

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.28 | 0.6458 | 13.0 B | 1.95 B | 0.874 | 1.14 | 0.861 | 0.585 | 0.723 | 0.781 | 0.615 | 1.80 | 1 |
| 2 | 1.24 | 0.6408 | 20.0 B | 2.74 | 0.855 | 0.891 | 0.845 | 1.24 | 0.859 | 0.768 | 0.827 | 1.30 | 2 |
| 3 | 1.14 | 1.10 B | 10.5 B | 3.10 | 0.828 | 0.798 | 0.703 | 1.05 | 0.621 | 0.724 | 1.11 | 1.11 | 3 |
| 4 | 1.12 B | 0.7408 | 6.058 | 5.36 | 0.820 | 0.748 | 0.735 | 0.738 | 0.831 | 0.717 | 1.08 | 1.08 | 4 |
| 5 | 1.08 B | 0.6388 | 3.418 | 7.07 | 0.773 | 0.746 | 0.844 | 0.642 | 0.829 | 0.730 | 0.835 | 1.00 | 5 |
| 6 | 1.08 B | 0.6308 | 3.558 | 3.04 | 0.774 | 0.738 | 0.830 | 0.631 | 0.822 | 0.749 | 0.867 | 0.9088 | 6 |
| 7 | 1.16 B | 0.6358 | 6.558 | 2.09 | 0.748 | 0.788 | 0.879 | 0.831 | 0.844 | 0.885 | 0.922 | 0.9008 | 7 |
| 8 | 0.990 | 1.05 B | 10.5 | 1.84 | 0.738 | 0.898 | 1.68 E | 0.812 | 0.782 | 1.04 | 1.55 | 0.8248 | 8 |
| 9 | 0.984 | 0.7008 | 8.67 | 1.39 | 0.741 | 0.783 | 1.48 | 1.07 | 0.758 | 0.738 | 1.67 | 1.23 | 9 |
| 10 | 1.03 | 0.6408 | 1.508 | 1.32 | 0.724 | 0.737 | 0.886 | 0.986 | 0.844 | 0.768 | 1.06 B | 1.58 | 10 |
| 11 | 1.01 | 0.6158 | 1.308 | 1.18 | 0.742 | 0.885 | 0.833 | 0.702 | 0.880 | 0.759 | 0.8838 | 1.20 | 11 |
| 12 | 1.03 | 0.6008 | 1.228 | 1.37 | 0.778 | 0.840 | 0.728 | 0.646 | 0.883 | 0.768 | 0.889 | 1.34 | 12 |
| 13 | 0.988 | 0.5948 | 1.188 | 1.71 | 0.745 | 0.758 | 0.780 | 0.612 | 0.712 | 0.780 | 0.887 | 1.25 | 13 |
| 14 | 1.00 B | 0.5908 | 1.178 | 1.30 | 0.771 | 0.898 | 1.48 | 0.808 | 0.885 | 0.733 | 0.881 | 1.04 | 14 |
| 15 | 1.18 | 0.5858 | 1.198 | 1.42 | 1.01 | 0.882 | 0.988 | 0.834 | 0.828 | 0.748 | 0.800 | 1.31 | 15 |
| 16 | 1.05 B | 0.5808 | 1.228 | 1.22 | 0.818 | 0.815 | 0.782 | 0.739 | 0.848 | 0.728 | 0.833 | 1.76 | 16 |
| 17 | 0.9508 | 0.5758 | 1.268 | 1.13 | 0.778 | 0.898 | 0.702 | 0.806 | 0.881 | 0.785 | 0.816 | 1.30 B | 17 |
| 18 | 0.8908 | 0.5758 | 1.548 | 1.10 | 0.745 | 0.585 | 0.678 | 0.686 | 1.58 | 0.804 | 1.15 | 1.15 B | 18 |
| 19 | 0.8608 | 0.5758 | 1.97 | 1.02 | 0.738 | 0.580 | 0.651 | 0.815 | 0.935 | 0.808 | 0.882 | 1.08 B | 19 |
| 20 | 0.8308 | 0.5758 | 2.02 | 0.983 | 0.726 | 0.585 | 1.15 | 0.597 | 1.10 | 0.782 | 0.899 | 3.14 | 20 |
| 21 | 0.8008 | 0.5708 | 2.06 | 0.959 | 0.728 | 0.571 | 0.777 | 0.598 | 1.35 | 0.788 | 0.8518 | 3.59 | 21 |
| 22 | 0.7808 | 0.5708 | 2.44 | 0.931 | 0.833 | 3.43 | 0.869 | 0.620 | 1.03 | 0.783 | 0.8798 | 1.78 | 22 |
| 23 | 0.7608 | 0.5708 | 2.24 | 0.988 | 1.08 | 1.31 | 0.642 | 0.580 | 0.823 | 1.23 | 0.9008 | 1.45 | 23 |
| 24 | 0.7458 | 0.5708 | 2.12 | 0.950 | 0.837 | 0.791 | 0.633 | 0.538 | 0.742 | 1.01 | 0.825 | 1.31 | 24 |
| 25 | 0.7258 | 0.5708 | 2.07 | 0.888 | 0.783 | 0.889 | 0.828 | 0.584 | 0.715 | 1.25 | 1.30 | 2.89 | 25 |
| 26 | 0.7108 | 0.5708 | 2.30 | 0.877 | 0.804 | 0.832 | 0.843 | 0.582 | 0.897 | 0.885 | 2.04 | 2.15 | 26 |
| 27 | 0.7008 | 0.5708 | 1.85 | 0.928 | 1.15 | 0.844 | 0.616 | 0.589 | 0.713 | 1.06 | 1.33 | 1.38 B | 27 |
| 28 | 0.6908 | 1.40 B | 1.65 | 1.15 | 1.78 | 0.906 | 0.583 | 0.593 | 0.807 | 1.05 | 1.14 | 1.17 B | 28 |
| 29 | 0.6758 | | 1.53 | 0.986 | 1.37 | 0.781 | 0.582 | 0.671 | 0.771 | 0.877 | 5.24 | 1.08 B | 29 |
| 30 | 0.6858 | | 2.44 | 0.917 | 1.27 | 0.710 | 0.634 | 0.636 | 0.784 | 0.848 | 3.51 | 1.03 B | 30 |
| 31 | 0.6858 | | 2.708 | | 1.63 | | 0.585 | 0.787 | | 0.821 | | 0.9648 | 31 |
| TOTAL | 28.788 | 18.889 | 118.24 | 51.743 | 27.984 | 25.746 | 24.456 | 21.638 | 23.408 | 28.182 | 38.081 | 45.048 | TOTAL |
| MEAN | 0.928 | 0.667 | 3.81 | 1.72 | 0.903 | 0.858 | 0.789 | 0.698 | 0.780 | 0.845 | 1.27 | 1.45 | MEAN |
| MAX | 1.28 | 1.40 | 20.0 | 7.07 | 1.78 | 3.43 | 1.68 | 1.24 | 1.58 | 1.25 | 5.24 | 3.59 | MAX |
| MIN | 0.655 | 0.570 | 1.19 | 0.877 | 0.724 | 0.571 | 0.582 | 0.538 | 0.621 | 0.717 | 0.800 | 0.900 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 20.0B ON MAR 2
MINIMUM DAILY, 0.538 ON AUG 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 30 N
LONG 79 03 33 W
DRAINAGE AREA, 93.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 490 | JUL | 2 110 |
| FEB | 1 610 | AUG | 1 670 |
| MAR | 10 200 | SEP | 2 020 |
| APR | 4 470 | OCT | 2 280 |
| MAY | 2 420 | NOV | 3 290 |
| JUN | 2 220 | DEC | 3 490 |

TOTAL DISCHARGE, 38 900 dam³

## DUFFINS CREEK AT PICKERING - STATION NO. 02HC005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.55 | 1.608 | 15.0 B | 6.448 | 1.80 | 2.00E | 1.20 | 0.912 | 1.23 | 1.33 | 1.51 | 4.52 | 1 |
| 2 | 3.35 | 2.008 | 35.0 B | 9.22 | 1.69 | 1.55E | 1.23 | 1.62 | 1.16 | 1.31 | 1.50 | 3.03 | 2 |
| 3 | 3.108 | 3.608 | 31.0 B | 9.72 | 1.85 | 1.42E | 1.38 | 2.17 | 1.10 | 1.20 | 2.07 | 2.55 | 3 |
| 4 | 2.858 | 1.608 | 26.0 B | 14.5 | 1.80 | 1.35E | 1.48 | 1.39 | 1.08 | 1.22 | 2.24 | 2.40 | 4 |
| 5 | 2.648 | 1.768 | 10.0 B | 22.2 | 1.54 | 1.30E | 1.28 | 1.17 | 1.09 | 1.26 | 1.80 | 2.20 | 5 |
| 6 | 2.508 | 1.758 | 10.6 B | 12.6 | 1.54 | 1.32E | 1.18 | 1.06 | 1.11 | 1.32 | 1.87 | 1.888 | 6 |
| 7 | 2.49 | 2.008 | 18.0 B | 7.84 | 1.49 | 1.50E | 1.33 | 1.03 | 1.09 | 1.51 | 1.61 | 1.758 | 7 |
| 8 | 2.358 | 2.408 | 27.0 B | 5.22 | 1.43 | 2.02E | 3.17 | 1.01 | 1.38 | 1.88 | 2.78 | 1.848 | 8 |
| 9 | 2.858 | 1.848 | 12.0 B | 4.48 | 1.45 | 1.85 | 2.88 | 1.70 | 1.38 | 1.83 | 3.74 | 2.75 | 9 |
| 10 | 2.628 | 1.788 | 8.008 | 4.05 | 1.38 | 1.54 | 1.70 | 1.97 | 1.18 | 1.41 | 2.59 | 3.79 | 10 |
| 11 | 2.85 | 1.758 | 4.808 | 3.73 | 1.38 | 1.45 | 1.83 | 1.31 | 1.18 | 1.39 | 2.088 | 3.04 | 11 |
| 12 | 2.87 | 1.738 | 3.858 | 4.00 | 1.48 | 1.77 | 1.33 | 1.17 | 1.28 | 1.37 | 1.98 | 3.08 | 12 |
| 13 | 2.87 | 1.728 | 3.688 | 5.42 | 1.39 | 1.83 | 1.31 | 1.08 | 1.58 | 1.35 | 2.01 | 3.02 | 13 |
| 14 | 2.808 | 1.708 | 3.888 | 4.13 | 1.45 | 1.48 | 2.82 | 1.08 | 1.28 | 1.27 | 2.00 | 2.84 | 14 |
| 15 | 2.89 | 1.888 | 3.888 | 3.83 | 2.03 | 1.31 | 2.22 | 1.07 | 1.11 | 1.32 | 1.88 | 3.34 | 15 |
| 16 | 2.94 | 1.888 | 3.628 | 3.51 | 1.84 | 1.20 | 1.83 | 1.18 | 1.10 | 1.32 | 1.78 | 4.33 | 16 |
| 17 | 2.728 | 1.878 | 3.348 | 3.18 | 1.45 | 1.13 | 1.32 | 1.51 | 1.10 | 1.43 | 1.88 | 2.988 | 17 |
| 18 | 2.508 | 1.868 | 3.858 | 2.78 | 1.42 | 1.13 | 1.28 | 2.38 | 1.88 | 2.49 | 2.128 | 2.128 | 18 |
| 19 | 2.338 | 1.888 | 5.00 | 2.53 | 1.38 | 1.13 | 1.18 | 1.08 | 1.89 | 1.53 | 2.22 | 2.338 | 19 |
| 20 | 2.208 | 1.668 | 5.43 | 2.48 | 1.38 | 1.11 | 1.83 | 0.980 | 1.97 | 1.43 | 2.08 | 8.94 | 20 |
| 21 | 2.138 | 1.888 | 5.44 | 2.35 | 1.38 | 1.10 | 1.48 | 0.883 | 2.43 | 1.41 | 1.728 | 11.6 | 21 |
| 22 | 2.078 | 1.888 | 6.32 | 2.13 | 1.90 | 3.94 | 1.22 | 1.04 | 1.85 | 1.45 | 1.678 | 5.52 | 22 |
| 23 | 2.008 | 1.858 | 6.50 | 2.14 | 1.808 | 2.60 | 1.12 | 0.918 | 1.50 | 2.11 | 1.84 | 3.88 | 23 |
| 24 | 1.888 | 1.848 | 5.95 | 2.15 | 1.588 | 1.88 | 1.10 | 0.885 | 1.28 | 1.88 | 1.83 | 3.47 | 24 |
| 25 | 1.848 | 1.848 | 5.85 | 1.85 | 1.488 | 1.32 | 1.13 | 0.878 | 1.18 | 2.40 | 3.18 | 7.48 | 25 |
| 26 | 1.828 | 1.848 | 7.12 | 1.84 | 1.308 | 1.58 | 1.12 | 0.870 | 1.18 | 1.75 | 4.80 | 5.58 | 26 |
| 27 | 1.888 | 1.848 | 5.52 | 1.82 | 1.808 | 1.55 | 1.02 | 0.884 | 1.20 | 1.92 | 3.08 | 3.80 | 27 |
| 28 | 1.888 | 3.708 | 4.88 | 3.42 | 2.80E | 1.85 | 0.940 | 0.900 | 1.44 | 2.03 | 2.88 | 2.878 | 28 |
| 29 | 1.848 | | 4.58 | 2.08 | 2.20E | 1.50 | 0.894 | 1.08 | 1.37 | 1.73 | 11.0 | 1.808 | 29 |
| 30 | 1.838 | | 7.02 | 1.82 | 2.08E | 1.37 | 1.08 | 1.05 | 1.38 | 1.87 | 8.54 | 1.488 | 30 |
| 31 | 1.828 | | 8.828 | | 2.80E | | 0.948 | 1.30 | | 1.67 | | 1.378 | 31 |
| TOTAL | 76.89 | 61.86 | 281.73 | 182.82 | 50.84 | 47.33 | 44.850 | 38.438 | 41.37 | 48.13 | 83.80 | 111.85 | TOTAL |
| MEAN | 2.47 | 1.88 | 8.41 | 5.08 | 1.84 | 1.58 | 1.48 | 1.18 | 1.38 | 1.88 | 2.78 | 3.81 | MEAN |
| MAX | 3.85 | 3.70 | 35.0 | 22.2 | 2.80 | 3.84 | 3.17 | 2.17 | 2.43 | 2.40 | 11.0 | 11.8 | MAX |
| MIN | 1.82 | 1.84 | 2.88 | 1.84 | 1.30 | 1.10 | 0.894 | 0.888 | 1.08 | 1.20 | 1.80 | 1.37 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.84
MAXIMUM DAILY, 35.08 ON MAR 2
MINIMUM DAILY, 0.855 ON AUG 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 10 N
LONG 79 03 44 W
DRAINAGE AREA, 249 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 830 | JUL | 3 880 |
| FEB | 4 480 | AUG | 3 180 |
| MAR | 25 200 | SEP | 3 670 |
| APR | 13 200 | OCT | 4 180 |
| MAY | 4 400 | NOV | 7 240 |
| JUN | 4 090 | DEC | 9 880 |

TOTAL DISCHARGE, 89 700 dam³

## EAGLE RIVER AT EAGLE RIVER - STATION NO. 05QD003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 94.5 | 94.5 | 97.5 | 134 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 1 |
| 2 | 94.5 | 94.5 | 97.5 | 134 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 2 |
| 3 | 94.5 | 94.5 | 97.5 | 134 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 3 |
| 4 | 94.5 | 94.5 | 97.5 | 134 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 4 |
| 5 | 94.5 | 94.5 | 97.5 | 134 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 5 |
| 6 | 94.5 | 97.5 | 97.5 | 134 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 6 |
| 7 | 94.5 | 97.5 | 97.5 | 134 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 7 |
| 8 | 94.5 | 97.5 | 97.5 | 134 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 8 |
| 9 | 94.5 | 97.5 | 97.5 | 134 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 9 |
| 10 | 94.5 | 97.5 | 97.5 | 134 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 10 |
| 11 | 94.5 | 97.5 | 97.5 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 11 |
| 12 | 94.5 | 97.5 | 97.5 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 12 |
| 13 | 0 | 97.5 | 85.3 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 13 |
| 14 | 94.5 | 97.5 | 104 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 14 |
| 15 | 94.5 | 97.5 | 104 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 15 |
| 16 | 94.5 | 97.5 | 104 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 16 |
| 17 | 94.5 | 97.5 | 104 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 17 |
| 18 | 94.5 | 97.5 | 104 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 18 |
| 19 | 94.5 | 97.5 | 104 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 19 |
| 20 | 94.5 | 97.5 | 104 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 20 |
| 21 | 94.5 | 97.5 | 104 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 21 |
| 22 | 94.5 | 97.5 | 104 | 133 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 22 |
| 23 | 94.5 | 97.5 | 104 | 113 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 23 |
| 24 | 94.5 | 97.5 | 104 | 113 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 24 |
| 25 | 94.5 | 97.5 | 104 | 113 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 25 |
| 26 | 94.5 | 97.5 | 113 | 113 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 26 |
| 27 | 94.5 | 97.5 | 113 | 113 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 27 |
| 28 | 94.5 | 97.5 | 113 | 113 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 28 |
| 29 | 94.5 | | 113 | 113 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 29 |
| 30 | 94.5 | | 113 | 113 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | 30 |
| 31 | 94.5 | | 113 | | 91.4 | | 82.3 | 82.3 | | 75.6 | | 71.6 | 31 |
| TOTAL | 2 835.0 | 2 715.0 | 3 181.3 | 3 720 | 2 833.4 | 2 742.0 | 2 551.3 | 2 551.3 | 2 268.0 | 2 343.6 | 2 196.0 | 2 219.6 | TOTAL |
| MEAN | 91.5 | 97.0 | 103 | 124 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | MEAN |
| MAX | 94.5 | 97.5 | 113 | 134 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | MAX |
| MIN | 0 | 94.5 | 85.3 | 113 | 91.4 | 91.4 | 82.3 | 82.3 | 75.6 | 75.6 | 73.2 | 71.6 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.1
MAXIMUM DAILY, 134 ON APR 1
MINIMUM DAILY, 0 ON JAN 13

DATA CONTRIBUTED BY -
GREAT LAKES FOREST PRODUCTS LIMITED

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 47 30 N
LONG 93 11 40 W
DRAINAGE AREA, 2 510 km²

REGULATED SINCE 1930

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 245 000 | JUL | 220 000 |
| FEB | 236 000 | AUG | 220 000 |
| MAR | 275 000 | SEP | 196 000 |
| APR | 321 000 | OCT | 202 000 |
| MAY | 245 000 | NOV | 190 000 |
| JUN | 237 000 | DEC | 192 000 |

TOTAL DISCHARGE, 2 780 000 dam³

## EAST BRANCH SCOTCH RIVER NEAR ST ISIDORE DE PRESCOTT - STATION NO 02LB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 4.41 | 0.474 | 0.988 | 0.033 | 0.216 | 0.005 | 0.084 | 0.533 | --- | 1 |
| 2 | --- | --- | --- | 3.15 | 0.368 | 0.828 | 0.026 | 0.131 | 0.004 | 0.202 | 0.507 | --- | 2 |
| 3 | --- | --- | --- | 2.50 | 0.314 | 0.649 | 0.029 | 0.137 | 0.004 | 0.125 | 0.430 | --- | 3 |
| 4 | --- | --- | --- | 2.84 | 0.238 | 0.597 | 0.237 | 0.378 | 0.004 | 0.089 | 0.433 | --- | 4 |
| 5 | --- | --- | --- | 4.58 | 0.176 | 1.26 | 0.229 | 0.233 | 0.003 | 0.074 | 0.433 | --- | 5 |
| 6 | --- | --- | --- | 3.82 | 0.209 | 1.61 | 0.125 | 0.129 | 0.003 | 0.086 | 0.429 | --- | 6 |
| 7 | --- | --- | --- | 2.98 | 0.161 | 1.12 | 0.063 | 0.106 | 0.003 | 0.164 | 0.419 | --- | 7 |
| 8 | --- | --- | --- | 2.70 | 0.107 | 1.30 | 0.096 | 0.085 | 0.007 | 0.288 | 0.384 | --- | 8 |
| 9 | --- | --- | --- | 2.28 | 0.034 | 3.01 | 0.157 | 0.076 | 0.030 | 0.261 | 0.537 | --- | 9 |
| 10 | --- | --- | --- | 1.75 | 0.028 | 3.88 | 0.805 | 0.061 | 0.018 | 0.192 | 0.783 | --- | 10 |
| 11 | --- | --- | --- | 1.45 | 0.092 | 2.62 | 0.081 | 0.056 | 0.006 | 0.163 | 0.645 | --- | 11 |
| 12 | --- | --- | --- | 1.24 | 0.055 | 1.80 | 0.021 | 0.045 | 0.038 | 0.151 | 0.538 | --- | 12 |
| 13 | --- | --- | --- | 1.12 | 0.054 | 1.55 | 0.011 | 0.037 | 0.260 | 0.125 | 0.493 | --- | 13 |
| 14 | --- | --- | --- | 0.886 | 0.028 | 1.20 | 0.012 | 0.047 | 0.356 | 0.131 | 0.452 | 1.88A | 14 |
| 15 | --- | --- | --- | 0.765 | 0.055 | 0.929 | 0.021 | 0.045 | 0.208 | 0.115 | 0.432 | --- | 15 |
| 16 | --- | --- | --- | 0.729 | 0.129 | 1.15 | 0.031 | 0.064 | 0.134 | 0.110 | 0.382 | --- | 16 |
| 17 | --- | --- | --- | 0.603 | 0.115 | 0.778 | 0.025 | 0.049 | 0.087 | 0.104 | 0.446 | --- | 17 |
| 18 | --- | --- | --- | 0.533 | 0.121 | 0.619 | 0.135 | 0.039 | 0.064 | 0.208 | 0.772 | --- | 18 |
| 19 | --- | 0.1258 | --- | 0.871 | 0.061 | 0.274 | 0.738 | 0.035 | 0.056 | 0.260 | 0.588 | --- | 19 |
| 20 | --- | --- | 1.078 | 0.510 | 0.028 | 0.283 | 0.974 | 0.036 | 0.063 | 0.180 | 0.499 | --- | 20 |
| 21 | --- | --- | 1.188 | 0.326 | 0.024 | 0.148 | 0.480 | 0.038 | 0.105 | 0.281 | 0.475 | --- | 21 |
| 22 | --- | --- | 1.828 | 0.209 | 0.023 | 0.127 | 0.368 | 0.049 | 0.083 | 0.409 | 0.4238 | --- | 22 |
| 23 | --- | --- | 3.908 | 0.185 | 0.063 | 0.087 | 0.224 | 0.029 | 0.064 | 0.314 | 0.3628 | --- | 23 |
| 24 | --- | --- | 5.368 | 0.321 | 0.424 | 0.038 | 0.261A | 0.017 | 0.060 | 0.416 | 0.352 | --- | 24 |
| 25 | --- | --- | 20.0 B | 0.387 | 0.372 | 0.027 | 1.00 | 0.011 | 0.060 | 0.472 | 0.335 | --- | 25 |
| 26 | --- | --- | 17.3 B | 0.488 | 0.246 | 0.024 | 1.22 | 0.008 | 0.068 | 0.427 | 0.3988 | --- | 26 |
| 27 | --- | --- | 13.4 | 0.286 | 0.182 | 0.043 | 1.18 | 0.005 | 0.058 | 0.401 | 0.4608 | --- | 27 |
| 28 | --- | --- | 8.75 | 0.201 | 0.277 | 0.069 | 0.839 | 0.005 | 0.051 | 0.635 | 0.595 | --- | 28 |
| 29 | --- | | 8.00 | 0.278 | 0.588 | 0.077 | 0.515 | 0.005 | 0.045 | 0.848 | 0.7408 | --- | 29 |
| 30 | --- | | 6.60 | 0.448 | 0.665 | 0.130 | 0.387 | 0.005 | 0.084 | 0.881 | 0.85 B | --- | 30 |
| 31 | --- | | 6.10 | | 0.924 | | 0.301 | 0.004 | | 0.809 | | --- | 31 |
| TOTAL | --- | --- | --- | 42.438 | 6.576 | 27.104 | 10.224 | 2.170 | 1.897 | 8.846 | 21.233 | --- | TOTAL |
| MEAN | --- | --- | --- | 1.41 | 0.212 | 0.903 | 0.330 | 0.070 | 0.067 | 0.278 | 0.708 | --- | MEAN |
| MAX | --- | --- | --- | 4.58 | 0.924 | 3.88 | 1.22 | 0.378 | 0.385 | 0.848 | 0.85 | --- | MAX |
| MIN | --- | --- | --- | 0.186 | 0.023 | 0.024 | 0.011 | 0.004 | 0.003 | 0.074 | 0.335 | --- | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 20.0B ON MAR 25
MINIMUM DAILY, 0.003 ON SEP 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 11 N
LONG 74 54 00 W
DRAINAGE AREA, 78.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 883 |
| FEB | --- | AUG | 187 |
| MAR | --- | SEP | 173 |
| APR | 3 670 | OCT | 738 |
| MAY | 588 | NOV | 1 830 |
| JUN | 2 340 | DEC | --- |

REMARKS - SEASONAL MAY-DEC

## EAST NUMBER RIVER AT KING CREEK - STATION NO. 02HC032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.803 | 0.2828 | 0.381 | 1.49 | 0.401 | 0.183 | 0.127 | 0.081 | 0.070 | 0.101 | 0.131 | 1.30 E | 1 |
| 2 | 0.588 | 0.2888 | 1.12 | 1.82 | 0.371 | 0.344 | 0.111 | 0.109 | 0.073 | 0.097 | 0.133 | 0.888 | 2 |
| 3 | 0.4848 | 0.2928 | 1.07 B | 1.80 | 0.337 | 0.277 | 0.118 | 0.237 | 0.071 | 0.098 | 0.128 | 0.683 | 3 |
| 4 | 0.4778 | 0.2888 | 1.05 B | 1.91 | 0.287 | 0.182 | 0.122 | 0.186 | 0.087 | 0.088 | 0.153 | 0.562 | 4 |
| 5 | 0.466 | 0.2848 | 1.00 B | 10.0 | 0.283 | 0.260 | 0.110 | 0.111 | 0.088 | 0.103 | 0.155 | 0.494 | 5 |
| 6 | 0.451 | 0.2808 | 1.22 | 5.95 | 0.281 | 0.357 | 0.188 | 0.088 | 0.070 | 0.084 | 0.139 | 0.372 | 6 |
| 7 | 0.436 | 0.2578 | 2.57 | 3.30 | 0.248 | 0.422 | 0.380 | 0.086 | 0.068 | 0.098 | 0.132 | 0.306 | 7 |
| 8 | 0.422 | 0.2708 | 6.82 | 2.20 | 0.213 | 0.826 | 0.336 | 0.088 | 0.068 | 0.141 | 0.144 | 0.335 | 8 |
| 9 | 0.408 | 0.2688 | 8.86 | 1.73 | 0.234 | 0.389 | 0.275 | 0.185 | 0.073 | 0.129 | 0.215 | 0.449 | 9 |
| 10 | 0.400 | 0.2608 | 2.80 | 1.44 | 0.227 | 0.409 | 0.191 | 0.268 | 0.068 | 0.114 | 0.199 | 0.675 | 10 |
| 11 | 0.447 | 0.2588 | 2.32 B | 1.19 | 0.210 | 0.432 | 0.181 | 0.182 | 0.067 | 0.105E | 0.185 | 0.557 | 11 |
| 12 | 0.430 | 0.2488 | 1.72 B | 0.993 | 0.239 | 0.436 | 0.258 | 0.110 | 0.070 | 0.100E | 0.181 | 0.622 | 12 |
| 13 | 0.427 | 0.2428 | 1.45 B | 1.10 | 0.199 | 0.768 | 0.416 | 0.107 | 0.074 | 0.098E | 0.182 | 0.803 | 13 |
| 14 | 0.415 | 0.2408 | 1.32 B | 0.891 | 0.180 | 0.376 | 0.952 | 0.086 | 0.070 | 0.082E | 0.154 | 0.384 | 14 |
| 15 | 0.532 | 0.2368 | 1.20 B | 1.01 | 0.291 | 0.244 | 0.864 | 0.084 | 0.066 | 0.080E | 0.133 | 0.350 | 15 |
| 16 | 0.528 | 0.2308 | 1.15 B | 1.09 | 0.236 | 0.200 | 0.445 | 0.090 | 0.068 | 0.087E | 0.129 | 0.441 | 16 |
| 17 | 0.4408 | 0.2268 | 1.23 B | 0.939 | 0.196 | 0.177 | 0.256 | 0.105 | 0.084 | 0.100E | 0.153 | 0.4208 | 17 |
| 18 | 0.4208 | 0.2228 | 1.31 B | 0.734 | 0.173 | 0.172 | 0.201 | 0.095 | 0.093 | 0.133E | 0.734 | 0.3808 | 18 |
| 19 | 0.4008 | 0.2208 | 1.53 B | 0.611 | 0.173 | 0.135 | 0.180 | 0.085 | 0.109 | 0.124E | 0.484 | 0.411 | 19 |
| 20 | 0.3808 | 0.2178 | 1.65 | 0.551 | 0.158 | 0.143 | 0.267 | 0.082 | 0.130 | 0.102 | 0.307 | 0.580 | 20 |
| 21 | 0.3708 | 0.2158 | 1.68 | 0.568 | 0.181 | 0.143 | 0.185 | 0.073 | 0.170 | 0.098 | 0.227 | 1.18 | 21 |
| 22 | 0.3808 | 0.2128 | 1.84 | 0.535 | 0.150 | 0.244 | 0.146 | 0.078 | 0.178 | 0.087 | 0.221E | 0.878 | 22 |
| 23 | 0.3408 | 0.2108 | 1.98 | 0.548 | 0.156 | 0.678 | 0.128 | 0.073 | 0.147 | 0.124 | 0.220E | 0.745 | 23 |
| 24 | 0.3258 | 0.2088 | 1.84 | 0.476 | 0.140 | 0.276 | 0.141 | 0.088 | 0.120 | 0.162 | 0.219E | 0.650 | 24 |
| 25 | 0.3108 | 0.2088 | 1.75 | 0.521 | 0.133 | 0.190 | 0.130 | 0.087 | 0.100 | 0.261 | 0.480E | 0.898 | 25 |
| 26 | 0.2928 | 0.2058 | 1.91 | 0.467 | 0.148 | 0.190 | 0.120 | 0.085 | 0.087 | 0.182 | 0.720E | 1.25 | 26 |
| 27 | 0.2808 | 0.2038 | 1.56 | 0.377 | 0.174 | 0.178 | 0.110 | 0.088 | 0.076 | 0.173 | 0.800E | 0.5838 | 27 |
| 28 | 0.2638 | 0.2008 | 1.30 | 0.498 | 0.570 | 0.163 | 0.097 | 0.062 | 0.089 | 0.245 | 0.460E | 0.4718 | 28 |
| 29 | 0.2608 | | 1.18 | 0.518 | 0.251 | 0.147 | 0.095 | 0.071 | 0.083 | 0.177 | 0.600E | 0.4208 | 29 |
| 30 | 0.2608 | | 1.43 | 0.455 | 0.188 | 0.134 | 0.091 | 0.066 | 0.103 | 0.144 | 0.860E | 0.4008 | 30 |
| 31 | 0.2708 | | 1.72 | | 0.143 | | 0.088 | 0.074 | | 0.128 | | 0.3708 | 31 |
| TOTAL | 12.454 | 6.702 | 57.921 | 45.414 | 7.122 | 8.862 | 7.267 | 3.177 | 2.589 | 3.873 | 8.706 | 18.625 | TOTAL |
| MEAN | 0.402 | 0.239 | 1.87 | 1.51 | 0.230 | 0.295 | 0.234 | 0.102 | 0.090 | 0.125 | 0.290 | 0.601 | MEAN |
| MAX | 0.803 | 0.292 | 8.86 | 10.0 | 0.570 | 0.768 | 0.952 | 0.268 | 0.178 | 0.261 | 0.860 | 1.30 | MAX |
| MIN | 0.280 | 0.200 | 0.381 | 0.377 | 0.133 | 0.134 | 0.088 | 0.062 | 0.066 | 0.084 | 0.126 | 0.306 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.601
MAXIMUM DAILY, 10.0 ON APR 5
MINIMUM DAILY, 0.062 ON AUG 28
MAXIMUM INSTANTANEOUS,
13.1 AT 15 18 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 10 N
LONG 79 36 46 W
DRAINAGE AREA, 84.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 080 | JUL | 628 |
| FEB | 578 | AUG | 274 |
| MAR | 5 000 | SEP | 332 |
| APR | 3 920 | OCT | 335 |
| MAY | 615 | NOV | 762 |
| JUN | 766 | DEC | 1 610 |

TOTAL DISCHARGE 15 800 dam³

## EASY HUMBER RIVER NEAR PINE GROVE - STATION NO 02HC009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.39 | 0.670B | 1.228 | 3.14 | 0.861 | 0.395 | 0.371 | 0.225 | 0.283 | 0.319 | 0.417 | 2.71 | 1 |
| 2 | 1.37 | 0.650B | 2.908 | 3.87 | 0.812 | 0.473 | 0.385 | 0.498 | 0.269 | 0.310 | 0.406 | 1.82 | 2 |
| 3 | 1.15 B | 0.680B | 2.708 | 3.76 | 0.748 | 0.595 | 0.481 | 0.449 | 0.238 | 0.303 | 0.485 | 1.34 | 3 |
| 4 | 0.870B | 0.650B | 2.508 | 5.12 | 0.660 | 0.463 | 0.439 | 0.451 | 0.225 | 0.298 | 0.434 | 1.13 | 4 |
| 5 | 1.23 | 0.640B | 2.328 | 20.9 | 0.661 | 0.430 | 0.357 | 0.361 | 0.221 | 0.285 | 0.427 | 0.962 | 5 |
| 6 | 1.05 B | 0.630B | 3.708 | 15.9 | 0.829 | 0.459 | 0.435 | 0.324 | 0.219 | 0.305 | 0.423 | 0.859 | 6 |
| 7 | 1.04 | 0.620B | 8.308 | 9.29 | 0.570 | 0.561 | 0.862 | 0.270 | 0.238 | 0.418 | 0.414 | 0.826 | 7 |
| 8 | 0.976 | 0.600B | 15.9 | 5.15 | 0.532 | 0.889 | 0.815 | 0.271 | 0.263 | 0.394 | 0.441 | 0.802 | 8 |
| 9 | 0.933 | 0.770B | 17.0 | 3.71 | 0.488 | 0.882 | 0.878 | 0.734 | 0.251 | 0.374 | 0.478 | 0.991 | 9 |
| 10 | 0.918 | 0.720B | 5.65 | 3.02 | 0.509 | 0.512 | 0.577 | 0.571 | 0.241 | 0.369 | 0.501 | 1.17 | 10 |
| 11 | 0.941 | 0.680B | 4.26 | 2.82 | 0.529 | 0.567 | 0.467 | 0.541 | 0.312 | 0.355 | 0.495 | 1.13 | 11 |
| 12 | 0.986 | 0.650B | 3.56 | 2.40 | 0.522 | 0.679 | 0.515 | 0.393 | 0.279 | 0.338 | 0.471 | 1.06 | 12 |
| 13 | 0.907 | 0.630B | 2.83 | 2.45 | 0.507 | 1.31 | 1.02 | 0.351 | 0.357 | 0.320 | 0.436 | 1.00 | 13 |
| 14 | 0.894 | 0.610B | 2.54 | 2.20 | 0.534 | 0.969 | 2.04 | 0.318 | 0.292 | 0.315 | 0.436 | 0.890 | 14 |
| 15 | 1.30 | 0.590B | 2.30 | 1.98 | 0.504 | 0.589 | 1.81 | 0.295 | 0.286 | 0.303 | 0.436 | 0.875 | 15 |
| 16 | 1.24 | 0.570B | 2.24 | 2.06 | 0.540 | 0.445 | 1.06 | 0.489 | 0.243 | 0.300 | 0.411 | 1.07 | 16 |
| 17 | 0.900B | 0.550B | 2.36 | 1.94 | 0.494 | 0.387 | 0.650 | 0.386 | 0.336 | 0.369 | 0.548 | 0.955 | 17 |
| 18 | 1.04 B | 0.538B | 2.37 | 1.68 | 0.484 | 0.387 | 0.528 | 0.310 | 0.387 | 0.337 | 1.04 | 0.824 | 18 |
| 19 | 1.08 B | 0.520B | 2.68 | 1.39 | 0.432 | 0.368 | 0.807 | 0.282 | 0.458 | 0.331 | 1.15 | 0.988 | 19 |
| 20 | 1.04 B | 0.515B | 3.01 | 1.24 | 0.429 | 0.361 | 0.840 | 0.247 | 0.470 | 0.370 | 0.841 | 1.78 | 20 |
| 21 | 0.980B | 0.500B | 2.89 | 1.16 | 0.431 | 0.355 | 0.588 | 0.243 | 0.737 | 0.372 | 0.856 | 2.38 | 21 |
| 22 | 0.940B | 0.490B | 3.24 | 1.18 | 0.492 | 0.844 | 0.441 | 0.236 | 0.583 | 0.386 | 0.572 | 2.06 | 22 |
| 23 | 0.910B | 0.470B | 3.54 | 1.18 | 0.484 | 0.682 | 0.383 | 0.217 | 0.502 | 0.440 | 0.557 | 1.88 | 23 |
| 24 | 0.880B | 0.485B | 3.40 | 1.08 | 0.433 | 0.719 | 0.344 | 0.213 | 0.408 | 0.585 | 0.553 | 1.31 | 24 |
| 25 | 0.840B | 0.460B | 3.30 | 0.986 | 0.425 | 0.449 | 0.338 | 0.226 | 0.380 | 0.883 | 1.32 | 1.82 | 25 |
| 26 | 0.820B | 0.450B | 3.73 | 1.01 | 0.450 | 0.443 | 0.324 | 0.218 | 0.331 | 0.586 | 1.84 | 2.80 | 26 |
| 27 | 0.780B | 0.440B | 3.35 | 0.970 | 0.441 | 0.423 | 0.303 | 0.220 | 0.428 | 0.892 | 1.43 | 1.40 B | 27 |
| 28 | 0.760B | 0.435B | 2.74 | 0.971 | 0.513 | 0.398 | 0.268 | 0.248 | 0.386 | 0.830 | 1.18 | 1.00 B | 28 |
| 29 | 0.740B | | 2.41 | 1.08 | 0.712 | 0.387E | 0.257 | 0.278 | 0.323 | 0.888 | 2.22 | 0.800B | 29 |
| 30 | 0.710B | | 2.81 | 0.962 | 0.448 | 0.395 | 0.266 | 0.287 | 0.330 | 0.902 | 3.33 | 0.700B | 30 |
| 31 | 0.690B | | 4.038 | | 0.405 | | 0.231 | 0.282 | | 0.450 | | 0.820B | 31 |
| TOTAL | 30.424 | 16.193 | 125.96 | 105.359 | 16.627 | 16.385 | 16.517 | 10.416 | 10.221 | 12.678 | 24.317 | 39.622 | TOTAL |
| MEAN | 0.981 | 0.578 | 4.06 | 3.51 | 0.536 | 0.546 | 0.597 | 0.336 | 0.341 | 0.408 | 0.811 | 1.27 | MEAN |
| MAX | 1.39 | 0.770 | 17.0 | 20.9 | 0.861 | 1.31 | 2.04 | 0.734 | 0.737 | 0.892 | 3.33 | 2.71 | MAX |
| MIN | 0.690 | 0.435 | 1.22 | 0.962 | 0.405 | 0.385 | 0.231 | 0.213 | 0.219 | 0.285 | 0.406 | 0.820 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 20.9 ON APR 5
MINIMUM DAILY, 0.213 ON AUG 24
MAXIMUM INSTANTANEOUS,
23.8 AT 13:48 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 47 22 N
LONG 79 35 06 W
DRAINAGE AREA, 197 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 630 | JUL | 1 800 |
| FEB | 1 400 | AUG | 990 |
| MAR | 10 900 | SEP | 883 |
| APR | 8 100 | OCT | 1 090 |
| MAY | 1 440 | NOV | 2 100 |
| JUN | 1 420 | DEC | 3 410 |

TOTAL DISCHARGE, 38 800 dam³

## EAST OAKVILLE CREEK NEAR OMAGH - STATION NO. 02HB004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.75 | 0.920B | 1.208 | 4.65 | 0.407 | 0.223 | 0.181 | 0.178 | 0.185 | 0.236 | 0.332E | 3.14 | 1 |
| 2 | 1.88 | 0.950B | 5.008 | 7.38 | 0.407 | 0.209 | 0.179 | 0.344 | 0.170 | 0.215 | 0.344A | 1.72 | 2 |
| 3 | 1.55 | 0.970B | 4.558 | 8.27 | 0.484 | 0.211 | 0.288 | 0.884 | 0.164 | 0.219 | 0.350E | 1.11 | 3 |
| 4 | 1.43 B | 0.940B | 4.358 | 11.8 | 0.388 | 0.220 | 0.360 | 0.333 | 0.142 | 0.217 | 0.390E | 0.912 | 4 |
| 5 | 1.40 B | 0.911B | 4.308 | 40.0 | 0.396 | 0.203 | 0.235 | 0.273 | 0.134 | 0.216 | 0.330E | 0.737 | 5 |
| 6 | 1.32 B | 0.880B | 7.608 | 20.1 | 0.348 | 0.218 | 0.228 | 0.236 | 0.151 | 0.208 | 0.344A | 0.800B | 6 |
| 7 | 1.24 B | 0.860B | 30.0 B | 15.4 | 0.336 | 0.200 | 0.242 | 0.193 | 0.153 | 0.230 | 0.332E | 0.595B | 7 |
| 8 | 1.22 B | 0.840B | 28.3 | 5.85 | 0.336 | 0.224 | 0.459 | 0.215 | 0.189 | 0.301 | 0.380E | 0.590B | 8 |
| 9 | 1.20 B | 0.825B | 13.0 | 3.82 | 0.321 | 0.222 | 0.580 | 0.332 | 0.208 | 0.267 | 0.380E | 1.36 | 9 |
| 10 | 1.17 B | 0.805B | 4.07 | 2.69 | 0.311 | 0.210 | 0.339 | 0.551 | 0.163 | 0.234 | 0.380E | 1.90 | 10 |
| 11 | 1.14 B | 0.790B | 3.81 | 1.96 | 0.344 | 0.189 | 0.278 | 0.305 | 0.132 | 0.223 | 0.380E | 1.35 | 11 |
| 12 | 1.12 B | 0.780B | 3.06 | 3.88 | 0.320 | 0.200 | 0.243 | 0.235 | 0.188 | 0.221 | 0.342E | 1.29 | 12 |
| 13 | 1.12 | 0.775B | 2.30 | 7.95 | 0.270 | 0.219 | 0.241 | 0.189 | 0.483 | 0.226 | 0.340E | 1.19 | 13 |
| 14 | 1.16 | 0.765B | 1.63 | 3.24 | 0.272 | 0.311 | 0.562 | 0.179 | 0.265 | 0.224 | 0.360E | 0.925 | 14 |
| 15 | 2.90 B | 0.760B | 1.51 | 2.36 | 0.394 | 0.173 | 0.484 | 0.163 | 0.166 | 0.211 | 0.365E | 1.24 | 15 |
| 16 | 2.40 B | 0.755B | 1.47 | 2.14 | 0.327 | 0.157 | 0.308 | 0.154 | 0.141 | 0.209 | 0.350E | 2.46 | 16 |
| 17 | 1.85 B | 0.745B | 1.41 | 1.80 | 0.302 | 0.129 | 0.285 | 0.166 | 0.152 | 0.229 | 0.530E | 2.00 B | 17 |
| 18 | 1.65 B | 0.740B | 1.12 | 1.63 | 0.300 | 0.130 | 0.210 | 0.144 | 0.492 | 0.288 | 0.800E | 1.60 B | 18 |
| 19 | 1.53 B | 0.740B | 1.09 | 1.47 | 0.329 | 0.133 | 0.215 | 0.130 | 0.473 | 0.270 | 0.540E | 1.35 | 19 |
| 20 | 1.40 B | 0.740B | 1.13 | 1.14 | 0.337 | 0.134 | 5.19 | 0.115 | 0.398 | 0.246 | 0.400E | 12.5 | 20 |
| 21 | 1.30 B | 0.745B | 1.17 | 0.878 | 0.343 | 0.134 | 2.20 | 0.113 | 0.439 | 0.243 | 0.332B | 17.3 | 21 |
| 22 | 1.20 B | 0.760B | 1.22 | 0.631 | 0.336 | 0.711 | 0.785 | 0.143 | 0.957 | 0.247 | 0.322B | 5.54 | 22 |
| 23 | 1.10 B | 0.775B | 1.26 | 0.624 | 0.315 | 0.778 | 0.440 | 0.142 | 0.522 | 0.267 | 0.317B | 3.67 | 23 |
| 24 | 1.03 B | 0.780B | 1.25 | 0.607 | 0.287 | 0.311 | 0.624 | 0.131 | 0.379 | 0.330 | 0.500B | 2.95 | 24 |
| 25 | 0.980B | 0.770B | 1.31 | 0.535 | 0.280 | 0.245 | 1.71 | 0.117 | 0.309 | 0.531 | 2.50 E | 5.77 | 25 |
| 26 | 0.940B | 0.760B | 2.26 | 0.502 | 0.300 | 0.227 | 0.603 | 0.118 | 0.280 | 0.390A | 2.10 E | 4.50 B | 26 |
| 27 | 0.905B | 0.790B | 2.12 | 0.488 | 0.349 | 0.222 | 0.415 | 0.155 | 0.236 | 0.540A | 1.95 E | 2.50 B | 27 |
| 28 | 0.880B | 0.880B | 1.82 | 0.516 | 0.305 | 0.358 | 0.268 | 0.163 | 0.219 | 0.682A | 1.10 E | 1.45 B | 28 |
| 29 | 0.870B | | 1.61 | 0.508 | 0.239 | 0.200 | 0.233 | 0.162 | 0.214 | 0.475A | 3.00 E | 1.55 B | 29 |
| 30 | 0.880B | | 3.14 | 0.481 | 0.221 | 0.201 | 0.205 | 0.174 | 0.229 | 0.344A | 7.30 A | 1.28 B | 30 |
| 31 | 0.890B | | 5.98 | | 0.222 | | 0.204 | 0.169 | | 0.330E | | 1.18 B | 31 |
| TOTAL | 41.215 | 22.731 | 143.74 | 153.100 | 10.136 | 7.030 | 18.994 | 5.696 | 5.273 | 8.089 | 25.880 | 87.669 | TOTAL |
| MEAN | 1.33 | 0.812 | 4.64 | 5.10 | 0.327 | 0.234 | 0.613 | 0.216 | 0.276 | 0.293 | 0.896 | 2.83 | MEAN |
| MAX | 2.90 | 0.970 | 30.0 | 40.0 | 0.484 | 0.778 | 5.19 | 0.664 | 0.957 | 0.682 | 7.30 | 17.3 | MAX |
| MIN | 0.870 | 0.740 | 1.09 | 0.481 | 0.221 | 0.129 | 0.179 | 0.113 | 0.132 | 0.208 | 0.317 | 0.590 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.47
MAXIMUM DAILY, 40.0 ON APR 5
MINIMUM DAILY, 0.113 ON AUG 21
MAXIMUM INSTANTANEOUS,
46.2 AT 11:32 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 29 55 N
LONG 79 46 40 W
DRAINAGE AREA, 199 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 580 | JUL | 1 840 |
| FEB | 1 980 | AUG | 579 |
| MAR | 12 400 | SEP | 715 |
| APR | 13 200 | OCT | 785 |
| MAY | 878 | NOV | 2 320 |
| JUN | 607 | DEC | 7 570 |

TOTAL DISCHARGE, 46 200 dam³

## EAST RIVER NEAR HUNTSVILLE - STATION NO. 02EB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.98 | 3.178 | 2.508 | 58.9 | 9.33 | 4.33 | 2.87 | 1.24 | 5.51 | 3.14 | 7.43 | 10.2 | 1 |
| 2 | 4.85 | 3.168 | 2.568 | 47.6 | 8.52 | 4.80 | 2.87 | 1.18 | 5.06 | 3.29 | 6.89 | 11.3 | 2 |
| 3 | 4.60 | 3.138 | 2.528 | 40.0 | 8.14 | 4.97 | 2.86 | 1.22 | 5.81 | 3.43 | 6.16 | 10.4 | 3 |
| 4 | 4.31 | 3.128 | 2.508 | 33.3 | 7.62 | 4.95 | 2.87 | 1.24 | 5.50 | 3.55 | 6.01 | 9.30 | 4 |
| 5 | 4.30 | 3.118 | 2.488 | 29.9 | 7.07 | 4.72 | 2.32 | 1.21 | 4.72 | 3.57 | 6.06 | 8.17 | 5 |
| 6 | 4.288 | 3.108 | 2.508 | 33.2 | 6.51 | 4.31 | 2.12 | 1.15 | 4.21 | 3.57 | 6.11 | 7.508 | 6 |
| 7 | 4.228 | 3.098 | 2.638 | 44.6 | 6.01 | 4.15 | 1.73 | 1.09 | 4.32 | 4.20 | 6.02 | 6.708 | 7 |
| 8 | 4.158 | 3.128 | 3.308 | 51.0 | 5.58 | 4.45 | 1.78 | 1.10 | 4.42 | 5.50 | 5.89 | 6.608 | 8 |
| 9 | 4.058 | 3.188 | 4.108 | 49.6 | 5.28 | 4.52 | 1.68 | 1.10 | 4.26 | 5.76 | 5.78 | 6.89 | 9 |
| 10 | 3.958 | 3.208 | 4.408 | 46.5 | 5.03 | 4.69 | 1.85 | 1.04 | 4.18 | 5.83 | 5.67 | 11.3 | 10 |
| 11 | 3.858 | 3.178 | 4.408 | 42.0 | 4.93 | 4.47 | 1.85 | 1.03 | 4.03 | 5.48 | 5.15 | 17.6 | 11 |
| 12 | 3.778 | 3.088 | 4.388 | 37.7 | 5.02 | 4.81 | 1.84 | 1.05 | 3.94 | 5.14 | 4.88 | 19.0 | 12 |
| 13 | 3.858 | 2.958 | 4.328 | 34.0 | 4.85 | 5.12 | 1.86 | 0.982 | 3.94 | 4.76 | 4.72 | 18.0 | 13 |
| 14 | 3.558 | 2.858 | 4.158 | 30.8 | 4.78 | 5.09 | 1.82 | 1.05 | 3.79 | 4.61 | 4.51 | 16.7 | 14 |
| 15 | 3.508 | 2.788 | 4.108 | 27.4 | 5.06 | 5.02 | 1.98 | 1.52 | 3.63 | 4.33 | 4.40 | 15.0 | 15 |
| 16 | 3.478 | 2.848 | 4.088 | 24.2 | 4.99 | 4.55 | 1.88 | 1.83 | 3.56 | 3.92 | 5.48 | 14.2 | 16 |
| 17 | 3.438 | 2.818 | 4.088 | 21.7 | 5.06 | 4.09 | 1.78 | 1.57 | 3.56 | 3.06 | 7.04 | 13.1 B | 17 |
| 18 | 3.408 | 2.538 | 4.088 | 18.6 | 5.20 | 3.75 | 1.72 | 1.46 | 3.41 | 2.89 | 6.40 | 12.4 B | 18 |
| 19 | 3.408 | 2.478 | 4.108 | 18.0 | 5.03 | 3.45 | 1.63 | 1.40 | 3.27 | 2.84 | 5.28 | 12.0 B | 19 |
| 20 | 3.388 | 2.438 | 4.128 | 16.2 | 4.81 | 3.09 | 1.74 | 1.40 | 3.50 | 2.81 | 5.68 | 11.6 B | 20 |
| 21 | 3.378 | 2.388 | 4.148 | 14.2 | 3.81 | 2.97 | 1.75 | 1.34 | 3.51 | 2.87 | 5.70 | 11.3 B | 21 |
| 22 | 3.358 | 2.408 | 4.208 | 12.8 | 1.82 | 2.79 | 1.66 | 3.86 | 3.55 | 2.84 | 5.74 | 11.1 B | 22 |
| 23 | 3.328 | 2.448 | 4.308 | 11.7 | 1.82 | 5.11 | 1.80 | 5.84 | 3.43 | 2.83 | 5.01 | 10.8 | 23 |
| 24 | 3.308 | 2.488 | 5.408 | 11.0 | 2.89 | 7.78 | 1.59 | 6.01 | 3.36 | 2.82 | 5.34 | 10.4 B | 24 |
| 25 | 3.288 | 2.488 | 11.0 B | 9.97 | 3.88 | 4.24 | 1.86 | 6.10 | 3.25 | 3.88 | 6.24 | 10.0 | 25 |
| 26 | 3.268 | 2.428 | 21.5 B | 9.24 | 4.28 | 3.09 | 1.81 | 7.51 | 3.14 | 4.86 | 8.708 | 9.47 | 26 |
| 27 | 3.248 | 2.408 | 34.0 B | 8.37 | 4.14 | 2.78 | 1.82 | 6.77 | 2.91 | 5.37 | 8.908 | 9.008 | 27 |
| 28 | 3.228 | 2.408 | 41.0 B | 8.74 | 2.94 | 2.83 | 1.44 | 6.41 | 2.86 | 7.56 | 8.808 | 8.808 | 28 |
| 29 | 3.218 | | 41.5 | 9.32 | 3.94 | 2.67 | 1.35 | 5.86 | 2.84 | 8.83 | 8.85 | 8.308 | 29 |
| 30 | 3.198 | | 48.1 | 9.49 | 2.40 | 2.70 | 1.30 | 5.88 | 3.01 | 8.82 | 7.82 | 7.908 | 30 |
| 31 | 3.188 | | 63.3 | | 3.06 | | 1.24 | 6.80 | | 8.26 | | 7.808 | 31 |
| TOTAL | 115.00 | 78.24 | 351.15 | 610.93 | 153.87 | 125.88 | 56.78 | 68.742 | 118.48 | 139.28 | 177.96 | 342.43 | TOTAL |
| MEAN | 3.71 | 2.79 | 11.3 | 27.0 | 4.96 | 4.20 | 1.83 | 2.86 | 3.95 | 4.49 | 5.92 | 11.0 | MEAN |
| MAX | 4.98 | 3.20 | 63.3 | 58.9 | 9.33 | 7.78 | 2.87 | 6.77 | 5.81 | 8.83 | 7.82 | 19.0 | MAX |
| MIN | 3.18 | 2.38 | 2.48 | 8.37 | 1.82 | 2.67 | 1.24 | 0.982 | 2.84 | 2.81 | 4.40 | 6.60 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.01
MAXIMUM DAILY, 63.3 ON MAR 31
MINIMUM DAILY, 0.982 ON AUG 13
MAXIMUM INSTANTANEOUS,
68.0 AT 19:00 EST ON MAR 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 33 N
LONG 79 09 33 W
DRAINAGE AREA, 593 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 9 940 | JUL | 4 900 |
| FEB | 6 780 | AUG | 7 870 |
| MAR | 30 300 | SEP | 10 200 |
| APR | 70 100 | OCT | 12 000 |
| MAY | 13 300 | NOV | 15 300 |
| JUN | 10 900 | DEC | 29 600 |

TOTAL DISCHARGE, 221 000 dam³

## EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.001 | 0.001 | 0.001 | 0.005 | 0.003 | 0.002 | 0.002 | 0 | 0 | 0.001 | 0.001 | 0.002 | 1 |
| 2 | 0.001 | 0.001 | 0.001 | 0.005 | 0.003 | 0.002 | 0.001 | 0 | 0 | 0.001 | 0.001 | 0.001 | 2 |
| 3 | 0.001 | 0.001 | 0.001 | 0.004 | 0.002 | 0.002 | 0.002 | 0 | 0 | 0.001 | 0.001 | 0.001 | 3 |
| 4 | 0.001 | 0.001 | 0.001 | 0.005 | 0.002 | 0.002 | 0.002 | 0.002 | 0 | 0.001 | 0.001 | 0.001 | 4 |
| 5 | 0.001 | 0.001 | 0.001 | 0.014 | 0.002 | 0.001 | 0.001 | 0.001 | 0 | 0.001 | 0.001 | 0.001 | 5 |
| 6 | 0.001 | 0.001 | 0.001 | 0.013 | 0.002 | 0.001 | 0.001 | 0 | 0 | 0.001 | 0.001 | 0.001 | 6 |
| 7 | 0.001 | 0.001 | 0.002 | 0.010 | 0.002 | 0.001 | 0.001 | 0 | 0 | 0.003 | 0.001 | 0.001 | 7 |
| 8 | 0.001 | 0.001 | 0.002 | 0.007 | 0.002 | 0.002 | 0.001 | 0 | 0 | 0.002 | 0.001 | 0.001 | 8 |
| 9 | 0.001 | 0.001 | 0.001 | 0.006 | 0.002 | 0.003 | 0.001 | 0 | 0.001 | 0.001 | 0.001 | 0.002 | 9 |
| 10 | 0.001 | 0.001 | 0.001 | 0.005 | 0.002 | 0.002 | 0.001 | 0 | 0 | 0.001 | 0.001 | 0.002 | 10 |
| 11 | 0.001 | 0.001 | 0.001 | 0.004 | 0.002 | 0.002 | 0.001 | 0 | 0 | 0.001 | 0.001 | 0.002 | 11 |
| 12 | 0.001 | 0.001 | 0.001 | 0.004 | 0.002 | 0.002 | 0.001 | 0 | 0.001 | 0.001 | 0.001 | 0.001 | 12 |
| 13 | 0.001 | 0.001 | 0.001 | 0.003 | 0.002 | 0.002 | 0.001 | 0 | 0.002 | 0.001 | 0.001 | 0.001 | 13 |
| 14 | 0.001 | 0.001 | 0.001 | 0.003 | 0.002 | 0.001 | 0.001 | 0 | 0.001 | 0.001 | 0.001 | 0.001 | 14 |
| 15 | 0.001 | 0.001 | 0.001 | 0.003 | 0.002 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 15 |
| 16 | 0.001 | 0.001 | 0.001 | 0.003 | 0.002 | 0.001 | 0 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 16 |
| 17 | 0.001 | 0.001 | 0.001 | 0.003 | 0.002 | 0.001 | 0 | 0 | 0 | 0.001 | 0.001 | 0.001 | 17 |
| 18 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.001 | 0 | 0 | 0 | 0.001 | 0.002 | 0.001 | 18 |
| 19 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.001 | 0 | 0 | 0.001 | 0.001 | 0.001 | 0.001 | 19 |
| 20 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.001 | 0 | 0 | 0.002 | 0.001 | 0.001 | 0.001 | 20 |
| 21 | 0.001 | 0.001 | 0.002 | 0.002 | 0.001 | 0.001 | 0 | 0 | 0.002 | 0.001 | 0.001 | 0.001 | 21 |
| 22 | 0.001 | 0.001 | 0.004 | 0.002 | 0.002 | 0.002 | 0 | 0 | 0.002 | 0.001 | 0.001 | 0.001 | 22 |
| 23 | 0.001 | 0.001 | 0.005 | 0.003 | 0.003 | 0 | 0 | 0 | 0.001 | 0.001 | 0.001 | 0.001 | 23 |
| 24 | 0.001 | 0.001 | 0.008 | 0.002 | 0.003 | 0 | 0 | 0 | 0.001 | 0.004 | 0.001 | 0.001 | 24 |
| 25 | 0.001 | 0.001 | 0.005 | 0.002 | 0.002 | 0 | 0 | 0 | 0.001 | 0.003 | 0.001 | 0.001 | 25 |
| 26 | 0.001 | 0.001 | 0.007 | 0.002 | 0.002 | 0.003 | 0 | 0 | 0.001 | 0.002 | 0.001 | 0.001 | 26 |
| 27 | 0.001 | 0.001 | 0.006 | 0.004 | 0.002 | 0.002 | 0 | 0 | 0.001 | 0.002 | 0.001 | 0.001 | 27 |
| 28 | 0.001 | 0.001 | 0.007 | 0.005 | 0.003 | 0.001 | 0 | 0 | 0.001 | 0.002 | 0.001 | 0.001 | 28 |
| 29 | 0.001 | | 0.008 | 0.006 | 0.003 | 0.005 | 0 | 0 | 0.002 | 0.001 | 0.002 | 0.001 | 29 |
| 30 | 0.001 | | 0.014 | 0.004 | 0.002 | 0.003 | 0 | 0 | 0.001 | 0.002 | 0.003 | 0.001 | 30 |
| 31 | 0.001 | | 0.006 | | 0.002 | | 0 | 0 | | 0.002 | | 0.001 | 31 |
| TOTAL | 0.031 | 0.028 | 0.092 | 0.135 | 0.067 | 0.046 | 0.018 | 0.006 | 0.023 | 0.044 | 0.034 | 0.035 | TOTAL |
| MEAN | 0.001 | 0.001 | 0.003 | 0.005 | 0.002 | 0.002 | 0.001 | 0 | 0.001 | 0.001 | 0.001 | 0.001 | MEAN |
| MAX | 0.001 | 0.001 | 0.014 | 0.014 | 0.003 | 0.005 | 0.002 | 0.002 | 0.002 | 0.004 | 0.003 | 0.002 | MAX |
| MIN | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0 | 0 | 0 | 0 | 0.001 | 0.001 | 0.001 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.014 ON MAR 30
MINIMUM DAILY, 0 ON JUN 22
MAXIMUM INSTANTANEOUS,
0.017 AT 18:19 EST ON MAR 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 20 N
LONG 77 32 31 W
DRAINAGE AREA, 0.25 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2.68 | JUL | 1.58 |
| FEB | 2.42 | AUG | 0.52 |
| MAR | 7.85 | SEP | 1.89 |
| APR | 11.7 | OCT | 3.80 |
| MAY | 5.79 | NOV | 2.84 |
| JUN | 3.87 | DEC | 3.02 |

TOTAL DISCHARGE, 48.3 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

## EELS CREEK BELOW APSLEY - STATION NO. 02HH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.91 | 1.539 | 1.688 | 23.0 | 2.12 | 1.43 | 1.52 | 3.31 | 2.87 | 1.18 | 1.81 | 5.91 | 1 |
| 2 | 2.80 | 1.568 | 2.308 | 21.6 | 1.90 | 1.36 | 1.36 | 3.53 | 2.43 | 1.20 | 1.60 | 7.02 | 2 |
| 3 | 2.538 | 1.598 | 2.008 | 15.1 | 1.71 | 1.43 | 1.41 | 3.54 | 2.28 | 1.20 | 1.53 | 5.208 | 3 |
| 4 | 2.358 | 1.628 | 1.838 | 11.7 | 1.51 | 1.56 | 1.43 | 3.28 | 2.11 | 1.18 | 1.58 | 5.558 | 4 |
| 5 | 2.298 | 1.658 | 1.748 | 17.8 | 1.38 | 1.41 | 1.43 | 3.08 | 1.94 | 1.04 | 1.74 | 5.008 | 5 |
| 6 | 2.388 | 1.688 | 1.688 | 23.5 | 1.27 | 1.41 | 1.32 | 2.88 | 1.82 | 0.984 | 1.89 | 3.958 | 6 |
| 7 | 2.388 | 1.728 | 1.688 | 26.3 | 1.19 | 1.41 | 1.26 | 2.71 | 1.72 | 0.898 | 2.26 | 3.538 | 7 |
| 8 | 2.238 | 1.768 | 1.688 | 21.2 | 1.12 | 1.74 | 1.33 | 2.55 | 1.73 | 1.30 | 2.01 | 4.008 | 8 |
| 9 | 2.228 | 1.788 | 2.208 | 16.5 | 1.08 | 2.16 | 1.80 | 2.49 | 1.84 | 1.29 | 2.06 | 5.258 | 9 |
| 10 | 2.308 | 1.798 | 2.898 | 12.9 | 1.28 | 2.31 | 2.78 | 2.36 | 1.89 | 1.18 | 2.28 | 5.82 | 10 |
| 11 | 2.35 | 1.788 | 2.208 | 9.39 | 1.29 | 2.20 | 2.78 | 2.21 | 0.862 | 1.04 | 2.19 | 5.56 | 11 |
| 12 | 2.37 | 1.768 | 2.058 | 7.30 | 1.37 | 2.22 | 2.66 | 2.04 | 0.870 | 1.01 | 2.05 | 6.70 | 12 |
| 13 | 2.37 | 1.768 | 1.948 | 6.18 | 1.35 | 2.12 | 2.70 | 1.91 | 0.813 | 0.916 | 3.03 | 6.69 | 13 |
| 14 | 2.32 | 1.748 | 1.888 | 5.36 | 1.32 | 1.89 | 3.00 | 2.32 | 0.886 | 0.869 | 3.00 | 6.44 | 14 |
| 15 | 2.29 | 1.728 | 1.848 | 4.71 | 2.81 | 1.72 | 2.86 | 2.51 | 0.980 | 0.838 | 1.97 | 6.008 | 15 |
| 16 | 1.986 | 1.688 | 1.828 | 4.19 | 3.29 | 1.55 | 2.80 | 2.75 | 0.725 | 0.788 | 1.84 | 5.408 | 16 |
| 17 | 1.868 | 1.868 | 1.808 | 3.75 | 2.99 | 1.38 | 2.32 | 2.80 | 0.588 | 0.805 | 1.81 | 5.108 | 17 |
| 18 | 1.818 | 1.828 | 1.808 | 3.33 | 2.61 | 1.32 | 1.46 | 3.29 | 0.533 | 0.825 | 2.15 | 4.958 | 18 |
| 19 | 1.758 | 1.598 | 1.808 | 3.01 | 2.61 | 1.27 | 1.29 | 3.04 | 0.517 | 0.798 | 2.61 | 5.958 | 19 |
| 20 | 1.708 | 1.568 | 1.818 | 2.88 | 2.39 | 1.23 | 1.26 | 2.82 | 0.542 | 0.774 | 2.89 | 6.24 | 20 |
| 21 | 1.678 | 1.538 | 1.888 | 2.60 | 2.24 | 1.16 | 1.19 | 2.63 | 0.701 | 0.782 | 2.41 | 5.47 | 21 |
| 22 | 1.648 | 1.508 | 1.978 | 2.35 | 2.17 | 1.10 | 1.14 | 2.48 | 0.739 | 0.757 | 1.99 | 5.53 | 22 |
| 23 | 1.628 | 1.478 | 2.288 | 2.09 | 1.89 | 1.06 | 1.09 | 2.36 | 0.697 | 0.824 | 2.64 | 6.31 | 23 |
| 24 | 1.598 | 1.458 | 3.508 | 1.92 | 1.80 | 1.02 | 1.07 | 2.18 | 0.647 | 1.04 | 2.34 | 5.80 | 24 |
| 25 | 1.588 | 1.438 | 5.708 | 1.72 | 1.64 | 0.977 | 1.01 | 2.00 | 0.828 | 1.36 | 2.05 | 6.13 | 25 |
| 26 | 1.578 | 1.418 | 7.358 | 1.52 | 1.50 | 1.08 | 1.06 | 2.22 | 0.662 | 1.90 | 2.198 | 6.288 | 26 |
| 27 | 1.558 | 1.398 | 8.108 | 1.44 | 1.53 | 1.52 | 1.01 | 3.20 | 1.04 | 1.78 | 3.108 | 5.908 | 27 |
| 28 | 1.548 | 1.388 | 11.2 E | 1.88 | 1.71 | 1.48 | 0.981 | 3.26 | 1.18 | 1.84 | 3.088 | 5.208 | 28 |
| 29 | 1.538 | | 10.6 E | 2.36 | 1.89 | 1.50 | 1.55 | 3.12 | 1.14 | 2.13 | 3.41 | 4.758 | 29 |
| 30 | 1.528 | | 13.5 E | 2.28 | 1.57 | 1.57 | 1.56 | 2.90 | 1.17 | 3.38 | 5.44 | 4.478 | 30 |
| 31 | 1.528 | | 21.0 | | 1.48 | | 1.88 | 2.81 | | 1.80 | | 4.388 | 31 |
| TOTAL | 62.66 | 46.12 | 127.18 | 256.62 | 55.83 | 46.817 | 52.471 | 87.38 | 38.422 | 36.857 | 68.95 | 176.57 | TOTAL |
| MEAN | 2.02 | 1.61 | 4.10 | 8.82 | 1.79 | 1.52 | 1.68 | 2.82 | 1.18 | 1.18 | 2.29 | 5.70 | MEAN |
| MAX | 2.91 | 1.78 | 21.0 | 26.3 | 3.29 | 2.31 | 3.00 | 3.75 | 2.87 | 2.38 | 8.44 | 7.02 | MAX |
| MIN | 1.52 | 1.38 | 1.68 | 1.44 | 1.08 | 0.977 | 0.981 | 1.81 | 0.517 | 0.757 | 1.53 | 3.53 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.88
MAXIMUM DAILY, 26.3 ON APR 7
MINIMUM DAILY, 0.517 ON SEP 18
MAXIMUM INSTANTANEOUS,
28.1 AT 06:46 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 30 N
LONG 78 05 07 W
DRAINAGE AREA, 241 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 400 | JUL | 4 530 |
| FEB | 3 900 | AUG | 7 550 |
| MAR | 11 000 | SEP | 3 000 |
| APR | 22 300 | OCT | 3 170 |
| MAY | 4 800 | NOV | 5 920 |
| JUN | 3 940 | DEC | 15 300 |

TOTAL DISCHARGE, 90 900 dam³

## EKWAN RIVER BELOW NORTH WASHAGAMI RIVER - STATION NO. 04EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13.5 B | 9.458 | 9.958 | 7.808 | 183 | 92.1 | 118 | 28.7 | 208 | 117 | 58.2 | 37.58 | 1 |
| 2 | 13.2 B | 9.758 | 9.508 | 7.808 | 174 | 88.6 | 118 | 26.4 | 246 | 111 | 61.6 | 36.28 | 2 |
| 3 | 13.0 B | 9.708 | 9.458 | 7.808 | 184 | 88.4 | 114 | 24.9 | 262 | 106 | 64.1 | 35.08 | 3 |
| 4 | 12.8 B | 9.608 | 9.758 | 7.758 | 158 | 87.8 | 107 | 22.9 | 280 | 102 | 64.3 | 34.08 | 4 |
| 5 | 13.6 B | 9.508 | 9.768 | 7.658 | 150 | 87.2 | 99.3 | 21.5 | 260 | 98.2 | 59.9 | 33.08 | 5 |
| 6 | 12.4 B | 9.408 | 9.728 | 7.608 | 145 | 85.5 | 92.5 | 20.8 | 237 | 98.7 | 48.8 | 32.08 | 6 |
| 7 | 12.2 B | 9.308 | 9.688 | 7.558 | 138 | 82.5 | 85.1 | 21.1 | 221 | 101 | 48.28 | 31.58 | 7 |
| 8 | 12.1 B | 9.258 | 9.658 | 7.558 | 132 | 78.2 | 77.6 | 23.4 | 208 | 103 | 48.08 | 31.08 | 8 |
| 9 | 11.9 B | 9.158 | 9.628 | 7.608 | 127 | 72.9 | 69.7 | 26.6 | 180 | 104 | 47.88 | 30.58 | 9 |
| 10 | 11.7 B | 9.058 | 9.608 | 7.708 | 127 | 68.2 | 62.7 | 27.2 | 179 | 104 | 47.88 | 30.08 | 10 |
| 11 | 11.5 B | 8.008 | 9.608 | 7.958 | 127 | 64.6 | 59.4 | 26.2 | 172E | 103 | 47.68 | 29.28 | 11 |
| 12 | 11.4 B | 7.958 | 9.608 | 8.288 | 130 | 60.2 | 58.2 | 25.5 | 170E | 101 | 47.88 | 28.38 | 12 |
| 13 | 11.2 B | 7.908 | 9.608 | 8.808 | 138 | 56.2 | 57.9 | 26.7 | 188E | 98.4 | 48.08 | 27.48 | 13 |
| 14 | 11.0 B | 7.858 | 9.588 | 9.058 | 145 | 53.2 | 55.8 | 26.7 | 205E | 97.7 | 48.58 | 26.58 | 14 |
| 15 | 10.9 B | 7.808 | 9.588 | 10.2 B | 155 | 51.5 | 53.1 | 26.3 | 240E | 98.4 | 50.08 | 25.88 | 15 |
| 16 | 10.8 B | 7.708 | 9.588 | 11.7 B | 164 | 48.3 | 51.5 | 25.8 | 282E | 93.2 | 52.08 | 25.08 | 16 |
| 17 | 10.5 B | 7.658 | 9.588 | 25.0 B | 165 | 44.5 | 54.3 | 28.3 | 263E | 89.9 | 55.58 | 24.58 | 17 |
| 18 | 10.4 B | 7.608 | 9.588 | 60.0 B | 158 | 41.5 | 57.6 | 36.5 | 250E | 86.7 | 56.58 | 23.88 | 18 |
| 19 | 10.2 B | 7.508 | 9.588 | 185 B | 150 | 38.7 | 56.3 | 47.2 | 235E | 86.7 | 56.08 | 22.88 | 19 |
| 20 | 10.1 B | 7.458 | 9.608 | 220 B | 143 | 35.6 | 52.6 | 62.5 | 220E | 87.1 | 54.58 | 22.18 | 20 |
| 21 | 10.0 B | 7.408 | 9.608 | 270 B | 135 | 33.2 | 51.3 | 67.4 | 205E | 86.3 | 52.58 | 21.48 | 21 |
| 22 | 9.908 | 7.308 | 9.958 | 300 B | 127 | 30.4 | 49.4 | 110 | 194E | 84.2 | 50.58 | 20.88 | 22 |
| 23 | 9.808 | 7.258 | 9.108 | 310 B | 120 | 28.7 | 46.7 | 129 | 183E | 82.5 | 49.08 | 20.08 | 23 |
| 24 | 9.708 | 7.208 | 9.308 | 285 B | 113 | 26.8 | 44.6 | 140 | 171E | 79.7 | 47.58 | 19.28 | 24 |
| 25 | 9.608 | 7.158 | 9.458 | 264 | 107 | 25.8 | 42.6 | 148 | 160E | 72.2 | 46.58 | 18.58 | 25 |
| 26 | 9.508 | 7.108 | 9.558 | 237 | 101 | 27.8 | 40.2 | 148 | 152E | 76.9 | 44.08 | 18.08 | 26 |
| 27 | 9.408 | 7.058 | 9.858 | 223 | 97.1 | 48.0 | 37.8 | 143 | 143E | 77.9 | 42.58 | 17.38 | 27 |
| 28 | 9.258 | 7.008 | 9.708 | 209 | 92.4 | 76.3 | 36.0 | 133 | 137E | 78.6 | 40.58 | 16.88 | 28 |
| 29 | 9.158 | | 9.758 | 198 | 91.0 | 85.4 | 33.9 | 123 | 129E | 87.2 | 39.58 | 16.18 | 29 |
| 30 | 9.058 | | 9.748 | 192 | 93.7 | 111 | 33.3 | 122 | 124A | 85.1 | 38.58 | 15.48 | 30 |
| 31 | 8.958 | | 9.808 | | 94.8 | | 31.6 | 154 | | 82.0 | | 15.18 | 31 |
| TOTAL | 337.80 | 219.40 | 215.25 | 3 091.55 | 4 141.8 | 1 832.1 | 1 948.8 | 2 012.3 | 6 088 | 2 815.6 | 1 515.9 | 784.4 | TOTAL |
| MEAN | 10.9 | 7.84 | 6.94 | 103 | 134 | 61.1 | 62.9 | 64.9 | 202 | 90.8 | 50.5 | 25.3 | MEAN |
| MAX | 13.5 | 9.85 | 9.80 | 310 | 183 | 111 | 118 | 154 | 263 | 117 | 64.3 | 37.5 | MAX |
| MIN | 8.95 | 7.00 | 6.58 | 7.56 | 91.0 | 25.8 | 31.6 | 20.6 | 124 | 82.0 | 38.5 | 15.1 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.4
MAXIMUM DAILY, 3108 ON APR 23
MINIMUM DAILY, 6.588 ON MAR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 30 N
LONG 84 55 20 W
DRAINAGE AREA, 10 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 29 200 | JUL | 168 000 |
| FEB | 15 000 | AUG | 174 000 |
| MAR | 18 600 | SEP | 523 000 |
| APR | 267 000 | OCT | 243 000 |
| MAY | 358 000 | NOV | 131 000 |
| JUN | 158 000 | DEC | 87 800 |

TOTAL DISCHARGE, 2 160 000 dam³

## ENGLISH RIVER AT CARIBOU FALLS - STATION NO. 05QE005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 420 | 488 | 459 | 408 | 327 | 221 | 151 | 333 | 70.9 | 174 | 180 | 242 | 1 |
| 2 | 501 | 488 | 534 | 342 | 383 | 152 | 131 | 235 | 76.9 | 167 | 161 | 235 | 2 |
| 3 | 470 | 493 | 488 | 361 | 333 | 210 | 277 | 151 | 77.2 | 158 | 180 | 248 | 3 |
| 4 | 457 | 455 | 474 | 374 | 415 | 165 | 240 | 185 | 77.2 | 158 | 159 | 254 | 4 |
| 5 | 441 | 456 | 460 | 385 | 309 | 167 | 185 | 171 | 76.6 | 174 | 159 | 230 | 5 |
| 6 | 522 | 495 | 485 | 386 | 284 | 180 | 189 | 130 | 76.9 | 208 | 159 | 235 | 6 |
| 7 | 460 | 489 | 477 | 336 | 335 | 192 | 197 | 111 | 33.0 | 173 | 180 | 244 | 7 |
| 8 | 462 | 480 | 480 | 289 | 290 | 157 | 344 | 104 | 76.1 | 158 | 159 | 280 | 8 |
| 9 | 446 | 450 | 515 | 315 | 287 | 173 | 237 | 104 | 111 | 158 | 173 | 261 | 9 |
| 10 | 476 | 454 | 477 | 387 | 333 | 173 | 225 | 180 | 148 | 158 | 158 | 273 | 10 |
| 11 | 388 | 448 | 489 | 316 | 347 | 188 | 229 | 153 | 135 | 158 | 158 | 214 | 11 |
| 12 | 458 | 491 | 492 | 277 | 285 | 157 | 288 | 181 | 180 | 158 | 180 | 203 | 12 |
| 13 | 440 | 473 | 462 | 326 | 241 | 187 | 210 | 139 | 159 | 159 | 180 | 284 | 13 |
| 14 | 481 | 482 | 421 | 330 | 214 | 188 | 198 | 182 | 112 | 158 | 180 | 257 | 14 |
| 15 | 473 | 472 | 473 | 349 | 285 | 174 | 294 | 119 | 158 | 180 | 181 | 290 | 15 |
| 16 | 455 | 488 | 440 | 356 | 285 | 188 | 188 | 108 | 113 | 182 | 180 | 301 | 16 |
| 17 | 446 | 448 | 520 | 283 | 238 | 258 | 238 | 116 | 180 | 159 | 181 | 302 | 17 |
| 18 | 531 | 478 | 477 | 326 | 247 | 171 | 188 | 159 | 159 | 158 | 180 | 239 | 18 |
| 19 | 447 | 445 | 484 | 286 | 198 | 171 | 211 | 83.1 | 158 | 159 | 180 | 287 | 19 |
| 20 | 506 | 485 | 481 | 318 | 218 | 171 | 198 | 185 | 159 | 159 | 180 | 279 | 20 |
| 21 | 547 | 481 | 398 | 384 | 258 | 244 | 203 | 88.6 | 161 | 159 | 181 | 288 | 21 |
| 22 | 472 | 472 | 445 | 336 | 274 | 386 | 174 | 77.5 | 180 | 154 | 185 | 244 | 22 |
| 23 | 484 | 483 | 417 | 355 | 300 | 287 | 187 | 76.3 | 187 | 159 | 211 | 246 | 23 |
| 24 | 484 | 483 | 393 | 410 | 226 | 373 | 159 | 72.2 | 168 | 159 | 212 | 257 | 24 |
| 25 | 441 | 527 | 437 | 291 | 218 | 370 | 240 | 84.3 | 183 | 159 | 212 | 285 | 25 |
| 26 | 483 | 486 | 418 | 388 | 288 | 382 | 188 | 85.3 | 183 | 159 | 212 | 303 | 26 |
| 27 | 490 | 475 | 448 | 389 | 186 | 389 | 183 | 13.7 | 183 | 158 | 211 | 247 | 27 |
| 28 | 478 | 486 | 374 | 345 | 223 | 383 | 142 | 26.0 | 173 | 159 | 211 | 298 | 28 |
| 29 | 452 | | 387 | 382 | 187 | 279 | 126 | 41.9 | 186 | 186 | 211 | 263 | 29 |
| 30 | 450 | | 426 | 386 | 257 | 168 | 177 | 83.3 | 195 | 159 | 211 | 301 | 30 |
| 31 | 490 | | 432 | | 222 | | 233 | --- | | 160 | | 244 | 31 |
| TOTAL | 14 513 | 13 233 | 14 079 | 10 214 | 8 485 | 8 852 | 8 378 | --- | 3 995.8 | 5 014 | 5 226 | 8 080 | TOTAL |
| MEAN | 468 | 473 | 454 | 340 | 273 | 228 | 205 | --- | 133 | 162 | 174 | 261 | MEAN |
| MAX | 547 | 527 | 534 | 410 | 416 | 386 | 344 | --- | 195 | 208 | 212 | 303 | MAX |
| MIN | 388 | 445 | 374 | 256 | 186 | 152 | 126 | --- | 33.0 | 154 | 158 | 203 | MIN |

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 16 00 N
LONG 94 58 15 W
DRAINAGE AREA, 52 300 km²

REGULATED SINCE 1929

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 250 000 | JUL | 561 000 |
| FEB | 1 140 000 | AUG | --- |
| MAR | 1 230 000 | SEP | 345 000 |
| APR | 882 000 | OCT | 434 000 |
| MAY | 731 000 | NOV | 452 000 |
| JUN | 692 000 | DEC | 698 000 |

## ENGLISH RIVER AT EAR FALLS - STATION NO. 05QE006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 353 | 374 | 355 | 138 | 119 | 75.0 | 100 | 52.0 | 76.0 | 174 | 217 | 210 | 1 |
| 2 | 352 | 373 | 357 | 139 | 108 | 75.0 | 99.0 | 48.0 | 77.0 | 179 | 208 | 209 | 2 |
| 3 | 354 | 372 | 353 | 138 | 102 | 75.0 | 100 | 48.0 | 74.0 | 178 | 202 | 200 | 3 |
| 4 | 353 | 369 | 355 | 139 | 106 | 75.0 | 103 | 53.0 | 77.0 | 189 | 198 | 205 | 4 |
| 5 | 372 | 376 | 352 | 138 | 105 | 85.0 | 103 | 51.0 | 109 | 178 | 205 | 204 | 5 |
| 6 | 385 | 384 | 353 | 139 | 106 | 95.0 | 101 | 50.0 | 123 | 174 | 215 | 208 | 6 |
| 7 | 377 | 383 | 347 | 140 | 105 | 88.0 | 100 | 83.0 | 116 | 178 | 216 | 192 | 7 |
| 8 | 387 | 380 | 346 | 139 | 105 | 85.0 | 99.0 | 76.0 | 172 | 179 | 208 | 210 | 8 |
| 9 | 384 | 378 | 327 | 126 | 104 | 48.0 | 110 | 76.0 | 177 | 184 | 189 | 210 | 9 |
| 10 | 385 | 378 | 286 | 144 | 106 | 51.0 | 87.0 | 76.0 | 178 | 184 | 189 | 210 | 10 |
| 11 | 383 | 378 | 286 | 144 | 79.0 | 48.0 | 103 | 74.0 | 177 | 174 | 183 | 209 | 11 |
| 12 | 383 | 376 | 284 | 144 | 74.0 | 46.0 | 102 | 74.0 | 178 | 177 | 213 | 209 | 12 |
| 13 | 374 | 376 | 272 | 144 | 73.0 | 49.0 | 100 | 75.0 | 178 | 176 | 212 | 205 | 13 |
| 14 | 373 | 376 | 246 | 144 | 73.0 | 54.0 | 100 | 75.0 | 176 | 174 | 215 | 205 | 14 |
| 15 | 372 | 373 | 251 | 144 | 74.0 | 62.0 | 97.0 | 74.0 | 180 | 178 | 213 | 204 | 15 |
| 16 | 379 | 372 | 237 | 139 | 76.0 | 73.0 | 47.0 | 75.0 | 177 | 176 | 187 | 208 | 16 |
| 17 | 383 | 372 | 236 | 144 | 75.0 | 47.0 | 83.0 | 75.0 | 174 | 176 | 174 | 207 | 17 |
| 18 | 380 | 370 | 247 | 143 | 77.0 | 53.0 | 188 | 74.0 | 178 | 200 | 187 | 204 | 18 |
| 19 | 378 | 370 | 247 | 144 | 75.0 | 53.0 | 183 | 75.0 | 176 | 191 | 136 | 205 | 19 |
| 20 | 374 | 369 | 230 | 143 | 75.0 | 48.0 | 184 | 72.0 | 177 | 178 | 148 | 186 | 20 |
| 21 | 369 | 366 | 208 | 143 | 76.0 | 39.0 | 183 | 75.0 | 177 | 177 | 184 | 202 | 21 |
| 22 | 350 | 364 | 209 | 145 | 76.0 | 51.0 | 188 | 75.0 | 174 | 177 | 211 | 206 | 22 |
| 23 | 382 | 364 | 208 | 142 | 75.0 | 45.0 | 184 | 75.0 | 176 | 176 | 208 | 188 | 23 |
| 24 | 370 | 363 | 210 | 145 | 75.0 | 46.0 | 113 | 76.0 | 175 | 178 | 213 | 198 | 24 |
| 25 | 370 | 363 | 211 | 144 | 75.0 | 52.0 | 83.0 | 74.0 | 175 | 191 | 212 | 197 | 25 |
| 26 | 369 | 361 | 210 | 134 | 75.0 | 83.0 | 81.0 | 75.0 | 177 | 173 | 215 | 202 | 26 |
| 27 | 373 | 357 | 209 | 109 | 75.0 | 105 | 52.0 | 75.0 | 203 | 173 | 206 | 204 | 27 |
| 28 | 374 | 359 | 211 | 143 | 75.0 | 99.0 | 54.0 | 72.0 | 177 | 175 | 203 | 201 | 28 |
| 29 | 377 | | 149 | 129 | 75.0 | 89.0 | 81.0 | 76.0 | 176 | 177 | 206 | 198 | 29 |
| 30 | 376 | | 139 | 143 | 75.0 | 86.0 | 80.0 | 76.0 | 189 | 178 | 209 | 197 | 30 |
| 31 | 376 | | 139 | | 75.0 | | 49.0 | 89.0 | | 186 | | 198 | 31 |
| TOTAL | 11 533 | 10 399 | 8 071 | 4 180 | 2 841.0 | 1 812.0 | 3 041.0 | 2 180.0 | 4 749.0 | 5 554 | 5 910 | 6 292 | TOTAL |
| MEAN | 372 | 371 | 260 | 139 | 85.2 | 83.7 | 98.1 | 88.7 | 158 | 179 | 197 | 203 | MEAN |
| MAX | 387 | 384 | 357 | 145 | 119 | 105 | 188 | 76.0 | 203 | 200 | 217 | 210 | MAX |
| MIN | 350 | 357 | 139 | 109 | 73.0 | 39.0 | 47.0 | 46.0 | 74.0 | 173 | 136 | 186 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 182
MAXIMUM DAILY, 387 ON JAN 6
MINIMUM DAILY, 39.0 ON JUN 21

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 38 00 N
LONG 93 12 30 W
DRAINAGE AREA, 26 400 km²

REGULATED SINCE 1929

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 986 000 | JUL | 263 000 |
| FEB | 894 000 | AUG | 187 000 |
| MAR | 697 000 | SEP | 410 000 |
| APR | 361 000 | OCT | 950 000 |
| MAY | 228 000 | NOV | 511 000 |
| JUN | 185 000 | DEC | 544 000 |

TOTAL DISCHARGE 6 740 000 dam³

## ENGLISH RIVER AT MANITOU FALLS - STATION NO. 05QE007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 442 | 428 | 425 | 174 | 230 | 153 | 132 | 71.0 | 60.7 | 229 | 238 | 238 | 1 |
| 2 | 421 | 417 | 442 | 180 | 182 | 150 | 122 | 93.2 | 84.2 | 204 | 289 | 242 | 2 |
| 3 | 421 | 415 | 441 | 192 | 168 | 157 | 131 | 71.0 | 71.0 | 183 | 282 | 262 | 3 |
| 4 | 394 | 441 | 414 | 197 | 227 | 170 | 149 | 45.0 | 107 | 208 | 286 | 236 | 4 |
| 5 | 428 | 440 | 414 | 207 | 228 | 128 | 120 | 67.3 | 122 | 242 | 282 | 187 | 5 |
| 6 | 441 | 444 | 417 | 185 | 182 | 158 | 151 | 85.0 | 116 | 221 | 224 | 238 | 6 |
| 7 | 440 | 443 | 417 | 207 | 184 | 150 | 131 | 77.8 | 135 | 210 | 288 | 228 | 7 |
| 8 | 440 | 443 | 415 | 185 | 186 | 152 | 152 | 83.6 | 184 | 136 | 243 | 304 | 8 |
| 9 | 441 | 441 | 387 | 185 | 214 | 181 | 102 | 101 | 171 | 238 | 228 | 284 | 9 |
| 10 | 441 | 428 | 382 | 244 | 182 | 63.0 | 117 | 86.2 | 178 | 244 | 130 | 209 | 10 |
| 11 | 441 | 443 | 323 | 247 | 181 | 106 | 184 | 92.3 | 200 | 214 | 204 | 242 | 11 |
| 12 | 441 | 438 | 336 | 276 | 112 | 89.0 | 188 | 183 | 241 | 248 | 244 | 275 | 12 |
| 13 | 443 | 443 | 329 | 276 | 81.0 | 48.0 | 84.0 | 101 | 211 | 179 | 302 | 231 | 13 |
| 14 | 443 | 442 | 311 | 273 | 88.0 | 92.0 | 117 | 99.5 | 230 | 237 | 291 | 249 | 14 |
| 15 | 441 | 441 | 322 | 276 | 84.0 | 80.0 | 132 | 89.7 | 279 | 180 | 241 | 272 | 15 |
| 16 | 440 | 440 | 315 | 307 | 172 | 141 | 92.0 | 113 | 182 | 187 | 247 | 289 | 16 |
| 17 | 443 | 426 | 291 | 278 | 84.0 | 100 | 123 | 76.6 | 222 | 208 | 214 | 232 | 17 |
| 18 | 442 | 484 | 318 | 286 | 83.0 | 133 | 212 | 96.0 | 198 | 227 | 188 | 283 | 18 |
| 19 | 440 | 421 | 334 | 288 | 138 | 126 | 158 | 150 | 213 | 242 | 207 | 232 | 19 |
| 20 | 443 | 422 | 288 | 334 | 133 | 88.0 | 281 | 70.3 | 237 | 227 | 91.0 | 280 | 20 |
| 21 | 442 | 415 | 277 | 330 | 181 | 87.0 | 180 | 97.1 | 231 | 196 | 178 | 247 | 21 |
| 22 | 441 | 384 | 287 | 284 | 136 | 87.0 | 199 | 73.6 | 170 | 208 | 281 | 218 | 22 |
| 23 | 438 | 418 | 309 | 281 | 188 | 116 | 203 | 110 | 196 | 188 | 271 | 241 | 23 |
| 24 | 440 | 411 | 280 | 278 | 129 | 83.0 | 144 | 90.0 | 230 | 212 | 281 | 207 | 24 |
| 25 | 389 | 429 | 277 | 267 | 137 | 70.0 | 108 | 89.7 | 180 | 226 | 239 | 173 | 25 |
| 26 | 432 | 420 | 286 | 218 | 130 | 85.0 | 84.0 | 88.5 | 177 | 207 | 230 | 218 | 26 |
| 27 | 445 | 408 | 273 | 257 | 183 | 138 | 88.0 | 98.7 | 214 | 200 | 273 | 243 | 27 |
| 28 | 440 | 418 | 288 | 280 | 136 | 148 | 95.0 | 93.7 | 228 | 208 | 221 | 240 | 28 |
| 29 | 433 | | 228 | 280 | 180 | 120 | 93.0 | 88.7 | 231 | 230 | 237 | 220 | 29 |
| 30 | 408 | | 133 | 248 | 190 | 139 | 28.0 | 103 | 232 | 244 | 280 | 282 | 30 |
| 31 | 406 | | 171 | | 135 | | 85.0 | 85.0 | | 138 | | 201 | 31 |
| TOTAL | 13 445 | 12 006 | 10 093 | 7 484 | 4 710.0 | 3 434.0 | 4 071.0 | 2 776.4 | 5 580.5 | 6 491 | 7 089.0 | 7 452 | TOTAL |
| MEAN | 434 | 429 | 326 | 248 | 152 | 114 | 131 | 89.6 | 186 | 209 | 237 | 240 | MEAN |
| MAX | 445 | 484 | 442 | 334 | 230 | 170 | 261 | 183 | 279 | 248 | 302 | 304 | MAX |
| MIN | 384 | 384 | 133 | 174 | 88.0 | 48.0 | 28.0 | 85.0 | 80.7 | 138 | 91.0 | 173 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 232
MAXIMUM DAILY, 484 ON FEB 18
MINIMUM DAILY, 28.0 ON JUL 30

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 35 01 N
LONG 93 27 15 W
DRAINAGE AREA, 37 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 180 000 | JUL | 282 000 |
| FEB | 1 040 000 | AUG | 240 000 |
| MAR | 872 000 | SEP | 480 000 |
| APR | 647 000 | OCT | 561 000 |
| MAY | 407 000 | NOV | 613 000 |
| JUN | 297 000 | DEC | 644 000 |

TOTAL DISCHARGE, 7 310 000 dam³

## ENGLISH RIVER AT UMFREVILLE - STATION NO. 05QA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36.4 | 32.1 | 28.2 | 29.1 | 32.1 | 35.2 | 32.8 | 30.9 | 40.1 | 39.0 | 45.3 | 40.9 | 1 |
| 2 | 36.0 | 31.8 | 28.4 | 29.2 | 31.6 | 37.6A | 32.6 | 30.6 | 39.6 | 37.6 | 45.8 | 40.4 | 2 |
| 3 | 36.1 | 31.6 | 28.4 | 29.4 | 31.7 | 38.6E | 31.9 | 29.8 | 40.1 | 38.9 | 45.8 | 40.0 | 3 |
| 4 | 37.8 | 31.5 | 28.4 | 29.8 | 31.7 | 38.6E | 31.1 | 28.9 | 40.6 | 38.9 | 46.2 | 39.8 | 4 |
| 5 | 37.8 | 31.5 | 28.2 | 30.0 | 31.8 | 40.6E | 30.4 | 29.0 | 40.2 | 39.2 | 46.5 | 39.3 | 5 |
| 6 | 37.3 | 31.4 | 28.4 | 30.2 | 30.7 | 41.5E | 29.5 | 29.1 | 40.3 | 38.1 | 45.6 | 38.9 | 6 |
| 7 | 36.9 | 31.0 | 28.4 | 30.3 | 30.0 | 42.5E | 28.9 | 28.6 | 40.5 | 37.9 | 45.3 | 38.6 | 7 |
| 8 | 36.6 | 30.6 | 28.1 | 30.8 | 30.8 | 43.6E | 28.2 | 28.2 | 41.0 | 38.4 | 44.8 | 38.4 | 8 |
| 9 | 36.5 | 30.6 | 27.8 | 31.1 | 29.5 | 44.6A | 27.1 | 27.4 | 41.0 | 38.6 | 44.3 | 38.1 | 9 |
| 10 | 36.2 | 30.4 | 27.7 | 31.3 | 28.3 | 45.1 | 26.4 | 26.7 | 40.9 | 40.8 | 44.4 | 37.6 | 10 |
| 11 | 36.1 | 30.2 | 27.8 | 31.5 | 27.7 | 46.1 | 25.8 | 27.5 | 42.1 | 40.9 | 44.6 | 37.5 | 11 |
| 12 | 35.8 | 29.9 | 27.5 | 31.8 | 27.6 | 46.5 | 26.0 | 28.7 | 42.5 | 41.1 | 44.3 | 37.8 | 12 |
| 13 | 35.6 | 29.5 | 27.4 | 32.2 | 28.3 | 46.6 | 25.7 | 28.1 | 42.7 | 41.8 | 43.9 | 37.4 | 13 |
| 14 | 35.4 | 29.5 | 27.4 | 32.4 | 27.6 | 46.7 | 25.0 | 27.7 | 43.0 | 42.0 | 43.3 | 37.1 | 14 |
| 15 | 34.8 | 29.5 | 27.2 | 32.7 | 26.7 | 46.7 | 24.8 | 27.8 | 43.1 | 41.8 | 43.5 | 36.9 | 15 |
| 16 | 34.6 | 29.8 | 27.1 | 33.1 | 26.1 | 46.4 | 25.6 | 28.4 | 42.8 | 41.3 | 44.0 | 36.2 | 16 |
| 17 | 34.5 | 29.4 | 27.1 | 33.5 | 25.1 | 46.3 | 25.0 | 28.1 | 42.4 | 41.7 | 43.8 | 35.7 | 17 |
| 18 | 34.5 | 29.4 | 27.0 | 33.5 | 24.2 | 45.6 | 26.7 | 34.8 | 42.1 | 43.4 | 44.2 | 35.8 | 18 |
| 19 | 34.0 | 29.4 | 26.8 | 33.9 | 24.1 | 44.6 | 26.9 | 36.2 | 41.6 | 43.1 | 44.2 | 35.6 | 19 |
| 20 | 34.1 | 29.2 | 26.6 | 34.1 | 24.1 | 44.1 | 30.8 | 37.4 | 41.2 | 42.7 | 43.6 | 35.3 | 20 |
| 21 | 33.9 | 28.9 | 26.5 | 33.5 | 24.6 | 43.6 | 30.0 | 38.2 | 41.5 | 42.7 | 43.5 | 35.1 | 21 |
| 22 | 33.4A | 29.0 | 26.5 | 34.1 | 26.7 | 43.0 | 30.3 | 38.1 | 42.5 | 42.7 | 43.6 | 34.6 | 22 |
| 23 | 33.2A | 28.9 | 26.8 | 33.7 | 26.9 | 42.5 | 30.9 | 37.7 | 41.5 | 43.0 | 43.4 | 34.6 | 23 |
| 24 | 33.0 | 28.9 | 27.4 | 33.6 | 27.1 | 41.5 | 30.8 | 36.1 | 40.7 | 43.5 | 43.1 | 34.1 | 24 |
| 25 | 32.9 | 28.8 | 27.4 | 33.4 | 28.3 | 40.4 | 31.0 | 37.8 | 40.3 | 44.3 | 42.9 | 33.8 | 25 |
| 26 | 32.7 | 28.6 | 27.5 | 33.9 | 28.5 | 38.0 | 31.0 | 38.1 | 39.6 | 44.9 | 42.9 | 33.7 | 26 |
| 27 | 32.7 | 28.7 | 28.4 | 33.1 | 30.7 | 36.0 | 30.5 | 38.3 | 39.0 | 44.8 | 42.8 | 33.6 | 27 |
| 28 | 32.5 | 28.4 | 28.8 | 33.5 | 31.7 | 35.3 | 31.1 | 38.1 | 38.6 | 44.7 | 42.3 | 33.2 | 28 |
| 29 | 32.3 | | 28.7 | 32.5 | 32.6 | 34.0 | 31.9 | 38.4 | 39.0 | 45.0 | 41.8 | 32.8 | 29 |
| 30 | 32.5 | | 28.9 | 32.5 | 33.3 | 33.2 | 31.1 | 41.0 | 38.4 | 45.0 | 41.3 | 32.7 | 30 |
| 31 | 32.1 | | 29.0 | | 34.1 | | 30.3 | 40.2 | | 45.3 | | 32.6 | 31 |
| TOTAL | 1 084.2 | 836.3 | 860.0 | 963.7 | 894.7 | 1 255.9 | 905.7 | 1 023.0 | 1 229.1 | 1 283.7 | 1 319.5 | 1 128.3 | TOTAL |
| MEAN | 35.0 | 29.9 | 27.7 | 32.1 | 28.9 | 41.9 | 29.2 | 33.0 | 41.0 | 41.7 | 44.0 | 36.4 | MEAN |
| MAX | 36.4 | 32.1 | 29.0 | 34.1 | 34.1 | 46.7 | 32.6 | 41.0 | 43.1 | 45.3 | 46.2 | 40.9 | MAX |
| MIN | 32.1 | 28.4 | 26.5 | 29.1 | 24.1 | 33.2 | 24.8 | 26.7 | 38.4 | 37.6 | 41.3 | 32.6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.1
MAXIMUM DAILY, 46.7 ON JUN 14
MINIMUM DAILY, 24.1 ON MAY 19
MAXIMUM INSTANTANEOUS,
47.9 AT 16:58 CST ON JUN 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 30 N
LONG 91 27 30 W
DRAINAGE AREA, 6 230 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 93 700 | JUL | 78 300 |
| FEB | 72 400 | AUG | 88 400 |
| MAR | 74 300 | SEP | 106 000 |
| APR | 83 300 | OCT | 112 000 |
| MAY | 77 300 | NOV | 114 000 |
| JUN | 108 000 | DEC | 97 500 |

TOTAL DISCHARGE, 1 110 000 dam³

## SRAMOSA RIVER ABOVE GUELPH - STATION NO 02GA029

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.18 | 1.908 | 1.99 | 7.89 | 2.56 | 1.28 | 0.872 | 0.597 | 0.580 | 0.652 | 1.22 | 4.79 | 1 |
| 2 | 3.15 | 1.608 | 2.86 | 7.56 | 2.45 | 1.22 | 0.681 | 0.708 | 0.557 | 0.643 | 1.14 | 4.05 | 2 |
| 3 | 2.908 | 1.708 | 3.208 | 6.85 | 2.30 | 1.33 | 0.782 | 1.14 | 0.545 | 0.658 | 1.14 | 2.97 | 3 |
| 4 | 2.658 | 1.628 | 3.228 | 6.37 | 2.12 | 1.26 | 1.02 | 1.14 | 0.501 | 0.656 | 1.10 | 2.23 | 4 |
| 5 | 2.788 | 1.588 | 3.23 | 10.2 | 2.09 | 1.09 | 1.18 | 0.895 | 0.497 | 0.653 | 1.10 | 1.83 | 5 |
| 6 | 2.77 | 1.528 | 3.178 | 21.4 | 2.05 | 1.03 | 1.08 | 0.730 | 0.485 | 0.645 | 1.11 | 1.538 | 6 |
| 7 | 2.63 | 1.488 | 3.58 | 23.0 | 1.96 | 1.06 | 1.04 | 0.702 | 0.485 | 0.674 | 1.06 | 1.268 | 7 |
| 8 | 2.63 | 1.468 | 5.09 | 16.8 | 1.85 | 1.06 | 1.13 | 0.719 | 0.491 | 0.857 | 1.09 | 1.21 | 8 |
| 9 | 2.64 | 1.508 | 6.978 | 11.1 | 1.78 | 1.01 | 1.38 | 0.834 | 0.510 | 0.972 | 1.41 | 1.57 | 9 |
| 10 | 2.86 | 1.488 | 6.908 | 8.14 | 1.76 | 0.949 | 1.21 | 1.38 | 0.520 | 0.970 | 1.57 | 2.39 | 10 |
| 11 | 2.72 | 1.408 | 5.668 | 6.70 | 1.68 | 0.895 | 1.08 | 1.44 | 0.543 | 0.928 | 1.30 | 2.81 | 11 |
| 12 | 2.70 | 1.388 | 5.258 | 6.17 | 1.73 | 0.934 | 1.04 | 1.10 | 0.584 | 0.855 | 1.11 | 2.51 | 12 |
| 13 | 2.64 | 1.338 | 4.678 | 7.08 | 1.62 | 0.928 | 0.946 | 0.893 | 0.607 | 0.855 | 1.08 | 2.41 | 13 |
| 14 | 2.68 | 1.308 | 3.698 | 7.23 | 1.55 | 0.856 | 0.889 | 0.776 | 0.801 | 1.29 | 1.05 | 2.21 | 14 |
| 15 | 2.83 | 1.278 | 3.368 | 6.80 | 1.54 | 0.797 | 0.848 | 0.707 | 0.673 | 0.793 | 1.06 | 1.958 | 15 |
| 16 | 3.15 | 1.258 | 3.278 | 6.07 | 2.18 | 0.716 | 0.893 | 0.885 | 0.642 | 0.708 | 1.02 | 1.788 | 16 |
| 17 | 3.058 | 1.228 | 3.38 | 5.57 | 2.06 | 0.625 | 0.888 | 0.890 | 0.678 | 0.701 | 0.894 | 1.718 | 17 |
| 18 | 2.958 | 1.208 | 3.58 | 5.08 | 1.77 | 0.628 | 0.740 | 0.885 | 1.06 | 0.710 | 1.05 | 1.888 | 18 |
| 19 | 2.808 | 1.188 | 4.09 | 4.78 | 1.71 | 0.617 | 0.751 | 0.848 | 1.03 | 0.975 | 1.17 | 1.70 | 19 |
| 20 | 2.608 | 1.178 | 4.78 | 4.32 | 1.83 | 0.588 | 2.28 | 0.809 | 0.994 | 0.967 | 1.23 | 2.09 | 20 |
| 21 | 2.508 | 1.168 | 5.54 | 3.52 | 1.74 | 0.582 | 4.07 | 0.575 | 0.999 | 0.881 | 1.03 B | 3.37 | 21 |
| 22 | 2.408 | 1.158 | 6.15 | 3.11 | 1.79 | 1.51 | 2.88 | 0.552 | 1.11 | 0.821 | 0.9118 | 3.908 | 22 |
| 23 | 2.288 | 1.158 | 7.02 | 3.38 | 1.80 | 2.88 | 1.57 | 0.562 | 1.14 | 0.880 | 0.889 | 3.51 | 23 |
| 24 | 2.148 | 1.158 | 7.71 | 3.37 | 1.87 | 2.44 | 1.07 | 0.521 | 1.01 | 1.20 | 0.894 | 2.90 | 24 |
| 25 | 2.058 | 1.188 | 8.06 | 3.27 | 1.61 | 1.83 | 1.02 | 0.482 | 0.884 | 1.88 | 1.38 | 3.31 | 25 |
| 26 | 1.988 | 1.188 | 8.27 | 2.94 | 1.58 | 1.14 | 1.04 | 0.481 | 0.753 | 2.01 | 2.71 | 4.50 | 26 |
| 27 | 1.928 | 1.308 | 8.80 | 2.87 | 1.87 | 1.03 | 0.892 | 0.505 | 0.708 | 1.88 | 3.02 | 2.718 | 27 |
| 28 | 1.808 | 1.78 | 8.89 | 3.00 | 1.77 | 1.03 | 0.749 | 0.580 | 0.871 | 2.28 | 2.83 | 2.108 | 28 |
| 29 | 1.808 | | 8.86 | 3.17 | 1.84 | 0.922 | 0.708 | 0.578 | 0.843 | 2.31 | 3.16 | 1.728 | 29 |
| 30 | 2.008 | | 7.02 | 2.82 | 1.38 | 0.874 | 0.868 | 0.581 | 0.838 | 1.82 | 4.83 | 1.478 | 30 |
| 31 | 2.058 | | 8.11 | | 1.31 | | 0.821 | 0.558 | | 1.46 | | 1.318 | 31 |
| TOTAL | 79.43 | 38.71 | 188.39 | 210.12 | 58.77 | 32.834 | 36.267 | 23.123 | 21.278 | 33.884 | 44.108 | 75.47 | TOTAL |
| MEAN | 2.56 | 1.38 | 5.43 | 7.00 | 1.83 | 1.09 | 1.17 | 0.748 | 0.709 | 1.09 | 1.47 | 2.43 | MEAN |
| MAX | 3.18 | 1.90 | 8.90 | 23.0 | 2.56 | 2.85 | 4.07 | 1.44 | 1.14 | 2.38 | 4.83 | 4.79 | MAX |
| MIN | 1.90 | 1.18 | 1.99 | 2.82 | 1.31 | 0.582 | 0.821 | 0.491 | 0.485 | 0.643 | 0.889 | 1.21 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.25
MAXIMUM DAILY, 23.0 ON APR 7
MINIMUM DAILY, 0.485 ON SEP 7
MAXIMUM INSTANTANEOUS,
24.4 AT 06:00 EST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 52 N
LONG 80 10 58 W
DRAINAGE AREA, 235 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 850 | JUL | 3 140 |
| FEB | 3 340 | AUG | 2 000 |
| MAR | 16 500 | SEP | 1 840 |
| APR | 18 200 | OCT | 2 910 |
| MAY | 4 900 | NOV | 3 810 |
| JUN | 2 840 | DEC | 6 520 |

TOTAL DISCHARGE, 70 900 dam³

## ETOBICOKE CREEK AT BRAMPTON - STATION NO 02HC017

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.608 | 0.1808 | 3.83 B | 1.51 B | 0.129E | 0.258 | 0.031 | 0.027 | 0.046 | 0.085 | 0.089 | 1.19 | 1 |
| 2 | 0.5718 | 0.2808 | 1.83 B | 2.29 | 0.105E | 0.100 | 0.081 | 0.570 | 0.088 | 0.071 | 0.080 | 0.842 | 2 |
| 3 | 0.4428 | 0.3808 | 1.20 B | 1.89 | 0.085E | 0.057 | 0.089 | 0.093 | 0.031 | 0.058 | 0.135 | 0.391 | 3 |
| 4 | 0.4808 | 0.3008 | 1.10 B | 2.43 | 0.070E | 0.044 | 0.093 | 0.051 | 0.028 | 0.049 | 0.077 | 0.281 | 4 |
| 5 | 0.425 | 0.2808 | 1.00 B | 14.8 | 0.100E | 0.084 | 0.084 | 0.048 | 0.025 | 0.050 | 0.071 | 0.210 | 5 |
| 6 | 0.3038 | 0.2308 | 1.30 B | 5.75 | 0.130E | 0.046 | 0.235 | 0.039 | 0.045 | 0.057 | 0.084 | 0.185 | 6 |
| 7 | 0.318 | 0.2158 | 8.88 | 4.85 | 0.150E | 0.127 | 0.280 | 0.043 | 0.082 | 0.299 | 0.082 | 0.154 | 7 |
| 8 | 0.313 | 0.2008 | 18.8 | 1.47 | 0.120E | 0.078 | 0.182 | 0.030 | 0.294 | 0.114E | 0.145 | 0.184 | 8 |
| 9 | 0.269 | 0.3208 | 6.43 B | 0.925 | 0.080E | 0.046 | 0.085 | 0.938 | 0.146 | 0.078E | 0.163 | 0.781 | 9 |
| 10 | 0.263 | 0.2708 | 1.81 B | 0.885 | 0.084 | 0.042 | 0.112 | 0.146 | 0.083 | 0.082E | 0.080 | 0.889 | 10 |
| 11 | 0.284 | 0.2008 | 1.40 B | 0.887 | 0.131 | 0.042 | 0.075 | 0.089 | 0.188 | 0.058E | 0.073 | 0.594 | 11 |
| 12 | 0.283 | 0.1808 | 0.8358 | 0.828 | 0.089 | 0.042 | 0.049 | 0.059 | 0.198 | 0.050E | 0.067 | 0.606 | 12 |
| 13 | 0.308 | 0.1408 | 0.5318 | 0.988 | 0.077 | 0.325 | 0.051 | 0.051 | 0.714 | 0.048E | 0.084 | 0.515 | 13 |
| 14 | 0.324 | 0.1208 | 0.536 | 0.758 | 0.227 | 0.080 | 0.720 | 0.043 | 0.132 | 0.043 | 0.057 | 0.388 | 14 |
| 15 | 0.586 | 0.1108 | 0.453 | 0.831 | 0.142 | 0.060 | 0.114 | 0.037 | 0.080 | 0.038 | 0.058 | 0.498 | 15 |
| 16 | 1.03 | 0.1008 | 0.4808 | 0.880 | 0.088 | 0.035 | 0.108 | 0.038 | 0.058 | 0.038 | 0.081 | 0.589 | 16 |
| 17 | 1.00 B | 0.0808 | 0.4948 | 0.437 | 0.085 | 0.035 | 0.081 | 0.065 | 0.337 | 0.188 | 0.746 | 0.404 | 17 |
| 18 | 0.7008 | 0.0858 | 0.551 | 0.357 | 0.100 | 0.029 | 0.044 | 0.058 | 0.707 | 0.078 | 0.351 | 0.299 | 18 |
| 19 | 0.5008 | 0.0808 | 0.671 | 0.295 | 0.095 | 0.028 | 0.428 | 0.078 | 0.333 | 0.048 | 0.189 | 0.300 | 19 |
| 20 | 0.6008 | 0.0708 | 0.736 | 0.248 | 0.182 | 0.026 | 2.48 | 0.037 | 0.182 | 0.047A | 0.144 | 2.87 | 20 |
| 21 | 0.4408 | 0.0858 | 0.799 | 0.227 | 0.085 | 0.028 | 0.328 | 0.032 | 1.23 | 0.045 | 0.100 | 3.40 | 21 |
| 22 | 0.3608 | 0.0638 | 0.805 | 0.200 | 0.099 | 1.13 | 0.145 | 0.028 | 0.803 | 0.212E | 0.083 | 1.88 | 22 |
| 23 | 0.3158 | 0.0618 | 0.813 | 0.193 | 0.087 | 0.123 | 0.084 | 0.026 | 0.473 | 0.880E | 0.085 | 0.939 | 23 |
| 24 | 0.2858 | 0.0588 | 0.886 | 0.182 | 0.088 | 0.086 | 0.204 | 0.024 | 0.173 | 0.920E | 0.081 | 0.749 | 24 |
| 25 | 0.2808 | 0.0508 | 0.788 | 0.170 | 0.083 | 0.059 | 0.118 | 0.026 | 0.108 | 0.700E | 2.14 | 3.83 | 25 |
| 26 | 0.2408 | 0.0458 | 1.89 | 0.151 | 0.183 | 0.110 | 0.044 | 0.027 | 0.088 | 0.170E | 1.91 | 2.77 B | 26 |
| 27 | 0.2308 | 0.2108 | 1.18 | 0.181 | 0.107 | 0.037 | 0.041 | 0.028 | 0.096 | 1.05 E | 0.845 | 1.03 B | 27 |
| 28 | 0.2158 | 0.0858 | 0.898 | 0.181 | 0.072 | 0.033 | 0.033 | 0.111 | 0.118 | 0.236 | 0.759 | 0.5778 | 28 |
| 29 | 0.2028 | | 0.710 | 0.151 | 0.068 | 0.042 | 0.031 | 0.075 | 0.089 | 0.172 | 3.13 | 0.4888 | 29 |
| 30 | 0.1958 | | 1.98 | 0.137 | 0.052 | 0.034 | 0.050 | 0.027 | 0.071 | 0.131 | 2.88 | 0.3178 | 30 |
| 31 | 0.1788 | | 1.89 B | | 0.050 | | 0.028 | 0.128 | | 0.107 | | 0.2508 | 31 |
| TOTAL | 12.513 | 4.348 | 84.846 | 45.218 | 3.293 | 3.202 | 5.423 | 3.074 | 7.093 | 5.104 | 14.758 | 27.740 | TOTAL |
| MEAN | 0.404 | 0.155 | 2.09 | 1.51 | 0.106 | 0.107 | 0.207 | 0.099 | 0.236 | 0.187 | 0.492 | 0.895 | MEAN |
| MAX | 1.03 | 0.350 | 18.8 | 14.8 | 0.227 | 1.13 | 2.48 | 0.938 | 1.23 | 1.05 | 3.13 | 3.83 | MAX |
| MIN | 0.175 | 0.045 | 0.453 | 0.137 | 0.050 | 0.026 | 0.026 | 0.024 | 0.025 | 0.035 | 0.055 | 0.154 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.844
MAXIMUM DAILY, 18.8 ON MAR 8
MINIMUM DAILY, 0.024 ON AUG 24
MAXIMUM INSTANTANEOUS,
34.1 AT 00:24 EST ON MAR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 29 N
LONG 79 46 35 W
DRAINAGE AREA, 83.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 080 | JUL | 555 |
| FEB | 376 | AUG | 266 |
| MAR | 5 800 | SEP | 813 |
| APR | 3 910 | OCT | 527 |
| MAY | 281 | NOV | 1 280 |
| JUN | 277 | DEC | 2 400 |

TOTAL DISCHARGE, 17 200 dam³

## ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY - STATION NO 02HC030

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1967

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.62 | 0.570B | 33.8 B | 6.89 | 0.833 | 1.25 | 0.408 | 0.372 | 0.806 | 0.350E | 0.356 | 3.20 E | 1 |
| 2 | 1.80 B | 0.800B | 12.9 | 11.8 | 0.820 | 1.38 | 0.494 | 7.05 | 0.850 | 0.380E | 0.385 | 1.70 E | 2 |
| 3 | 1.45 B | 1.14 B | 3.82 | 7.60 | 0.573 | 0.581 | 1.94 | 1.59 | 0.405 | 0.430A | 0.578 | 1.40 E | 3 |
| 4 | 1.06 B | 0.980B | 2.55 B | 14.8 | 0.514 | 0.428 | 0.737 | 0.507 | 0.327 | 0.315 | 0.842 | 0.760E | 4 |
| 5 | 1.29 B | 0.860B | 3.00 B | 36.8 | 0.583 | 0.592 | 0.331 | 0.442 | 0.297 | 0.300 | 0.845E | 0.580E | 5 |
| 6 | 1.18 | 0.780B | 5.92 | 23.4 | 0.654 | 0.530 | 0.929 | 0.356 | 0.288 | 0.384 | 0.514E | 0.510E | 6 |
| 7 | 1.15 | 0.700B | 17.4 | 15.8 | 0.709 | 0.854 | 1.83 | 0.885 | 0.252 | 3.12 | 0.335 | 0.500E | 7 |
| 8 | 1.04 | 1.06 B | 30.7 | 4.09 | 0.889 | 0.837 | 1.90 | 0.719 | 1.85 | 1.76 | 1.15 | 0.510E | 8 |
| 9 | 1.03 | 0.880B | 15.8 | 2.51 | 0.809 | 0.438 | 8.80 | 8.16 | 0.885E | 0.515 | 1.88 | 2.90 E | 9 |
| 10 | 1.24 | 0.780B | 2.68 B | 1.88 | 0.811 | 0.392 | 1.61 | 1.59 | 0.350E | 0.393 | 0.511 | 2.37 | 10 |
| 11 | 1.41 | 0.670B | 2.10 B | 1.45 | 1.04 | 0.362 | 0.884 | 0.568 | 0.860E | 0.339 | 0.414 | 1.57 | 11 |
| 12 | 1.38 | 0.580B | 1.81 B | 5.87 | 0.887 | 0.627 | 0.442 | 0.425 | 0.870E | 0.319 | 0.410 | 2.25 | 12 |
| 13 | 1.51 | 0.530B | 1.20 | 4.41 | 0.806 | 1.77 | 0.951 | 0.414 | 2.00 E | 0.282 | 0.457 | 1.49 | 13 |
| 14 | 1.58 | 0.480B | 1.08 | 2.07 | 1.01 | 0.985 | 11.0 | 0.457 | 0.700E | 0.324 | 0.378 | 1.12 | 14 |
| 15 | 3.15 | 0.420B | 0.998 | 1.94 | 1.83 | 0.354 | 1.07 | 0.371 | 0.360E | 0.341 | 0.389 | 7.38 | 15 |
| 16 | 2.48 | 0.383B | 0.975 | 1.68 | 0.813 | 0.287 | 0.827 | 0.301 | 0.385E | 0.322 | 0.386 | 6.55 | 16 |
| 17 | 1.87 | 0.368B | 1.01 | 1.25 | 0.381 | 0.323 | 0.539 | 0.313 | 0.700E | 1.20 | 1.03 | 2.48 | 17 |
| 18 | 1.21 | 0.350B | 0.978 | 1.07 | 0.377 | 0.312 | 0.389 | 0.325 | 2.00 E | 1.17 | 3.16 | 1.67 | 18 |
| 19 | 0.878B | 0.335B | 1.12 | 0.951 | 0.385 | 0.255 | 2.85 | 0.298 | 1.20 E | 0.438 | 0.733 | 1.19 | 19 |
| 20 | 0.880B | 0.325B | 1.26 | 0.925 | 0.808 | 0.247 | 25.8 | 0.330 | 0.570E | 0.383 | 0.619 | 21.4 | 20 |
| 21 | 1.10 B | 0.315B | 1.25 | 0.934 | 0.887 | 0.218 | 1.38 | 0.328 | 3.50 E | 0.578 | 0.430B | 5.65 | 21 |
| 22 | 1.00 B | 0.310B | 1.27 | 0.813 | 1.11 | 21.8 | 0.880 | 0.313 | 2.00 E | 0.841 | 0.383 | 3.98 | 22 |
| 23 | 0.900B | 0.300B | 1.38 | 1.00 | 0.871 | 2.07 | 0.846 | 0.248 | 1.00 E | 2.89 | 0.383 | 2.55 | 23 |
| 24 | 0.830B | 0.292B | 1.38 | 0.926 | 0.438 | 0.711 | 4.85 | 0.198 | 0.820E | 3.24 | 0.446E | 1.98 | 24 |
| 25 | 0.760B | 0.282B | 1.88 | 0.843 | 0.338 | 0.533 | 1.67 | 0.288 | 0.420E | 2.38 | 5.20 E | 9.22 | 25 |
| 26 | 0.720B | 0.310B | 3.51 | 0.721 | 3.10 | 2.91 | 0.529 | 0.288 | 0.408E | 0.823 | 4.80 E | 5.27 | 26 |
| 27 | 0.680B | 0.380B | 2.57 | 1.04 | 2.10 | 2.44 | 0.411 | 0.385 | 0.400E | 3.88 | 2.40 E | 2.14 | 27 |
| 28 | 0.650B | 0.330B | 1.82 | 1.19 | 0.887 | 0.896 | 0.394 | 0.448 | 0.430E | 1.33 | 2.21 E | 1.35 B | 28 |
| 29 | 0.625B | | 1.44 | 0.745 | 0.518 | 0.985 | 0.378 | 1.08 | 0.400E | 0.883 | 8.10 E | 0.984B | 29 |
| 30 | 0.600B | | 8.75 | 0.883 | 0.882 | 0.382 | 1.82 | 0.384 | 0.370E | 0.588 | 8.40 E | 0.800B | 30 |
| 31 | 0.570B | | 8.76 | | 0.808 | | 0.482 | 2.42 | | 0.489 | | 0.720B | 31 |
| TOTAL | 37.204 | 15.417 | 181.000 | 158.180 | 24.402 | 48.580 | 74.182 | 31.908 | 24.340 | 30.278 | 48.884 | 98.944 | TOTAL |
| MEAN | 1.20 | 0.551 | 5.19 | 5.21 | 0.787 | 1.62 | 2.39 | 1.03 | 0.811 | 0.977 | 1.62 | 3.13 | MEAN |
| MAX | 3.15 | 1.14 | 30.7 | 36.8 | 3.10 | 21.8 | 25.8 | 8.16 | 3.50 | 3.88 | 8.10 | 21.4 | MAX |
| MIN | 0.570 | 0.282 | 0.978 | 0.883 | 0.338 | 0.218 | 0.331 | 0.198 | 0.282 | 0.292 | 0.335 | 0.800 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.08
MAXIMUM DAILY, 36.8 ON APR 5
MINIMUM DAILY, 0.198 ON AUG 24
MAXIMUM INSTANTANEOUS,
87.7 AT 01:34 EST ON JUL 20

SUMMARY FOR THE YEAR 1967

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 36 02 N
LONG 79 33 24 W
DRAINAGE AREA, 204 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 210 | JUL | 6 410 |
| FEB | 1 330 | AUG | 2 760 |
| MAR | 13 900 | SEP | 2 100 |
| APR | 13 600 | OCT | 2 620 |
| MAY | 2 110 | NOV | 4 200 |
| JUN | 3 940 | DEC | 8 380 |

TOTAL DISCHARGE, 84 800 dam³

## EYE RIVER NEAR COULSON LAKE NORTH OF ATIKOKAN - STATION NO 05PB022

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1967

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.081 | 0.080 | 0.049 | 0.245 | 0.108 | 0.382 | 0.040 | 0.132 | 0.111 | 0.113 | 0.213 | 0.157 | 1 |
| 2 | 0.079 | 0.081 | 0.049 | 0.318 | 0.101 | 0.439 | 0.041 | 0.188 | 0.131 | 0.108 | 0.197 | 0.147 | 2 |
| 3 | 0.079 | 0.083 | 0.050 | 0.209 | 0.082 | 0.520 | 0.043 | 0.218 | 0.121 | 0.094 | 0.186 | 0.136 | 3 |
| 4 | 0.078 | 0.082 | 0.052 | 0.208 | 0.083 | 0.617 | 0.042 | 0.322 | 0.116 | 0.088 | 0.186 | 0.122 | 4 |
| 5 | 0.079 | 0.081 | 0.052 | 0.214 | 0.077 | 0.682 | 0.040 | 0.461 | 0.116 | 0.091 | 0.187 | 0.123 | 5 |
| 6 | 0.078 | 0.080 | 0.053 | 0.230 | 0.073 | 0.687 | 0.039 | 0.483 | 0.142 | 0.103 | 0.174 | 0.132 | 6 |
| 7 | 0.078 | 0.079 | 0.054 | 0.239 | 0.088 | 0.703 | 0.038 | 0.433 | 0.151 | 0.088 | 0.182 | 0.138 | 7 |
| 8 | 0.078 | 0.056 | 0.055 | 0.251 | 0.084 | 0.823 | 0.040 | 0.340 | 0.178 | 0.101 | 0.168 | 0.138 | 8 |
| 9 | 0.078 | 0.057 | 0.055 | 0.261 | 0.080 | 0.844 | 0.040 | 0.208 | 0.188 | 0.141 | 0.133 | 0.138 | 9 |
| 10 | 0.078 | 0.056 | 0.056 | 0.268 | 0.085 | 0.427 | 0.043 | 0.188 | 0.187 | 0.148 | 0.124 | 0.135 | 10 |
| 11 | 0.077 | 0.055 | 0.056 | 0.337 | 0.082 | 0.388 | 0.048 | 0.140 | 0.248 | 0.154 | 0.118 | 0.145 | 11 |
| 12 | 0.076 | 0.085 | 0.055 | 0.411 | 0.049 | 0.308 | 0.055 | 0.388 | 0.393 | 0.180 | 0.118 | 0.148 | 12 |
| 13 | 0.075 | 0.056 | 0.054 | 0.390 | 0.047 | 0.288 | 0.058 | 0.550 | 0.804 | 0.182 | 0.118 | 0.140 | 13 |
| 14 | 0.075 | 0.056 | 0.054 | 0.358 | 0.048 | 0.211 | 0.052 | 0.837 | 0.870 | 0.182 | 0.118 | 0.133 | 14 |
| 15 | 0.088 | 0.055 | 0.053 | 0.349 | 0.044 | 0.178 | 0.048 | 0.825 | 0.824 | 0.155 | 0.118 | 0.123 | 15 |
| 16 | 0.082 | 0.056 | 0.052 | 0.380 | 0.048 | 0.184 | 0.048 | 0.735 | 0.483 | 0.157 | 0.187 | 0.117 | 16 |
| 17 | 0.082 | 0.056 | 0.051 | 0.387 | 0.055 | 0.128 | 0.048 | 1.87 | 0.359 | 0.190 | 0.289 | 0.112 | 17 |
| 18 | 0.082 | 0.056 | 0.054 | 0.355 | 0.064 | 0.110 | 0.048 | 2.49 | 0.278 | 0.141 | 0.320 | 0.110 | 18 |
| 19 | 0.081 | 0.055 | 0.060 | 0.333 | 0.070 | 0.091 | 0.075 | 2.08 | 0.264 | 0.140 | 0.358 | 0.108 | 19 |
| 20 | 0.083 | 0.054 | 0.085 | 0.331 | 0.077 | 0.089 | 0.112 | 1.73 | 0.262 | 0.137A | 0.348 | 0.103 | 20 |
| 21 | 0.081 | 0.053 | 0.088 | 0.329 | 0.234 | 0.085 | 0.131 | 1.41 | 0.240 | 0.145E | 0.303 | 0.102 | 21 |
| 22 | 0.080 | 0.054 | 0.071 | 0.307 | 0.780 | 0.080 | 0.141 | 1.05 | 0.217 | 0.120E | 0.274 | 0.100 | 22 |
| 23 | 0.058 | 0.053 | 0.081 | 0.292 | 1.26 | 0.048 | 0.150 | 0.748 | 0.188 | 0.104E | 0.253 | 0.102 | 23 |
| 24 | 0.056 | 0.053 | 0.112 | 0.259 | 1.29 | 0.045 | 0.148 | 0.587 | 0.182 | 0.102E | 0.224 | 0.100 | 24 |
| 25 | 0.054 | 0.053 | 0.158 | 0.225 | 0.872 | 0.044 | 0.128 | 0.405 | 0.141 | 0.102E | 0.200 | 0.099 | 25 |
| 26 | 0.053 | 0.052 | 0.261 | 0.185 | 0.787 | 0.044 | 0.117 | 0.315 | 0.118 | 0.117E | 0.191 | 0.100 | 26 |
| 27 | 0.054 | 0.052 | 0.331 | 0.148 | 0.589 | 0.046 | 0.110 | 0.258 | 0.110 | 0.176E | 0.189 | 0.098 | 27 |
| 28 | 0.054 | 0.050 | 0.380 | 0.124 | 0.617 | 0.046 | 0.100 | 0.195 | 0.117 | 0.213E | 0.188 | 0.092 | 28 |
| 29 | 0.056 | | 0.398 | 0.115 | 0.539 | 0.043 | 0.088 | 0.152 | 0.123 | 0.236A | 0.178 | 0.087 | 29 |
| 30 | 0.059 | | 0.373 | 0.109 | 0.487 | 0.041 | 0.078 | 0.148 | 0.110 | 0.238 | 0.167 | 0.085 | 30 |
| 31 | 0.059 | | 0.320 | | 0.422 | | 0.070 | 0.104 | | 0.231 | | 0.085 | 31 |
| TOTAL | 2.082 | 1.589 | 3.634 | 8.015 | 9.400 | 7.936 | 2.256 | 19.384 | 7.108 | 4.378 | 5.975 | 3.648 | TOTAL |
| MEAN | 0.067 | 0.056 | 0.117 | 0.267 | 0.303 | 0.265 | 0.073 | 0.625 | 0.237 | 0.141 | 0.199 | 0.118 | MEAN |
| MAX | 0.081 | 0.083 | 0.398 | 0.411 | 1.29 | 0.703 | 0.150 | 2.49 | 0.870 | 0.238 | 0.358 | 0.157 | MAX |
| MIN | 0.053 | 0.050 | 0.049 | 0.109 | 0.044 | 0.041 | 0.038 | 0.104 | 0.110 | 0.088 | 0.115 | 0.085 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.206
MAXIMUM DAILY, 2.49 ON AUG 18
MINIMUM DAILY, 0.038 ON JUL 7
MAXIMUM INSTANTANEOUS,
2.52 AT 02:30 CST ON AUG 18

SUMMARY FOR THE YEAR 1967

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 53 40 N
LONG 91 40 03 W
DRAINAGE AREA, 44.5 km²
A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 180 | JUL | 195 |
| FEB | 136 | AUG | 1 870 |
| MAR | 314 | SEP | 614 |
| APR | 692 | OCT | 378 |
| MAY | 812 | NOV | 516 |
| JUN | 686 | DEC | 316 |

TOTAL DISCHARGE, 6 510 dam³

KG

## EYE RIVER NEAR HARDTACK LAKE NORTH OF ATIKOKAN - STATION NO. 05PB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.043 | 0.0298 | 0.0228 | 0.227 | 0.050 | 0.234 | 0.035 | 0.088 | 0.203 | 0.122 | 0.185 | 0.111 | 1 |
| 2 | 0.043 | 0.0288 | 0.0218 | 0.216 | 0.046 | 0.371 | 0.029 | 0.150 | 0.175 | 0.110 | 0.152 | 0.099 | 2 |
| 3 | 0.043 | 0.0288 | 0.0218 | 0.202 | 0.042 | 0.372 | 0.036 | 0.283 | 0.158 | 0.097 | 0.149 | 0.081 | 3 |
| 4 | 0.044 | 0.0288 | 0.0218 | 0.196 | 0.039 | 0.360 | 0.036 | 0.308 | 0.147 | 0.095 | 0.145 | 0.083 | 4 |
| 5 | 0.0438 | 0.0278 | 0.0218 | 0.192 | 0.037 | 0.441 | 0.032 | 0.252 | 0.141 | 0.097 | 0.144 | 0.087 | 5 |
| 6 | 0.0438 | 0.0278 | 0.0268 | 0.191 | 0.036 | 0.415 | 0.030 | 0.207 | 0.174 | 0.106 | 0.133 | 0.088 | 6 |
| 7 | 0.0438 | 0.0268 | 0.0348 | 0.186 | 0.036 | 0.374 | 0.032 | 0.188 | 0.203 | 0.112 | 0.126 | 0.090 | 7 |
| 8 | 0.0438 | 0.0268 | 0.0378 | 0.193 | 0.035 | 0.307 | 0.045 | 0.184 | 0.204 | 0.113 | 0.123 | 0.092 | 8 |
| 9 | 0.0438 | 0.0268 | 0.0338 | 0.202 | 0.032 | 0.248 | 0.047 | 0.127 | 0.197 | 0.131 | 0.118 | 0.093 | 9 |
| 10 | 0.0428 | 0.0268 | 0.0318 | 0.211 | 0.030 | 0.210 | 0.044 | 0.108 | 0.183 | 0.148 | 0.108 | 0.092 | 10 |
| 11 | 0.0428 | 0.0268 | 0.0318 | 0.221 | 0.028 | 0.183 | 0.040 | 0.103 | 0.276 | 0.150 | 0.105 | 0.092 | 11 |
| 12 | 0.0428 | 0.0268 | 0.0308 | 0.219 | 0.027 | 0.174 | 0.040 | 0.314 | 0.474 | 0.150 | 0.101 | 0.092 | 12 |
| 13 | 0.0418 | 0.0268 | 0.0298 | 0.209 | 0.026 | 0.188 | 0.042 | 0.520 | 0.584 | 0.151 | 0.099 | 0.092 | 13 |
| 14 | 0.0418 | 0.0268 | 0.0298 | 0.204 | 0.026 | 0.133 | 0.041 | 0.421 | 0.542 | 0.149 | 0.095 | 0.091 | 14 |
| 15 | 0.0408 | 0.0268 | 0.0318 | 0.194 | 0.025 | 0.108 | 0.039 | 0.388 | 0.452 | 0.144 | 0.095 | 0.088 | 15 |
| 16 | 0.0398 | 0.0258 | 0.0318 | 0.188 | 0.027 | 0.090 | 0.039 | 1.03 | 0.358 | 0.141 | 0.122 | 0.083 | 16 |
| 17 | 0.038 | 0.0258 | 0.0328 | 0.182 | 0.043 | 0.077 | 0.038 | 2.03 | 0.282 | 0.142 | 0.184 | 0.078 | 17 |
| 18 | 0.038 | 0.0248 | 0.0348 | 0.181 | 0.057 | 0.068 | 0.036 | 1.72 | 0.249 | 0.140 | 0.228 | 0.077 | 18 |
| 19 | 0.037 | 0.0248 | 0.037 | 0.181 | 0.083 | 0.060 | 0.088 | 1.42 | 0.240 | 0.135 | 0.231 | 0.078 | 19 |
| 20 | 0.0388 | 0.0248 | 0.043 | 0.174 | 0.087 | 0.054 | 0.115 | 1.16 | 0.236 | 0.135 | 0.221 | 0.073 | 20 |
| 21 | 0.0388 | 0.0238 | 0.053 | 0.168 | 0.115 | 0.048 | 0.121 | 0.812 | 0.230 | 0.138 | 0.199 | 0.072 | 21 |
| 22 | 0.0348 | 0.0238 | 0.064 | 0.161 | 0.817 | 0.042 | 0.114 | 0.582 | 0.215 | 0.127 | 0.183 | 0.070 | 22 |
| 23 | 0.0348 | 0.0238 | 0.062 | 0.134 | 1.18 | 0.038 | 0.116 | 0.484 | 0.195 | 0.117 | 0.171 | 0.088 | 23 |
| 24 | 0.033 | 0.0238 | 0.116 | 0.105 | 0.835 | 0.036 | 0.115 | 0.317 | 0.173 | 0.116 | 0.154 | 0.067 | 24 |
| 25 | 0.0328 | 0.0228 | 0.180 | 0.084 | 0.586 | 0.033 | 0.103 | 0.258 | 0.161 | 0.116 | 0.148 | 0.084 | 25 |
| 26 | 0.0328 | 0.0228 | 0.217 | 0.073 | 0.482 | 0.033 | 0.090 | 0.227 | 0.138 | 0.126 | 0.142 | 0.080 | 26 |
| 27 | 0.0318 | 0.0228 | 0.277 | 0.067 | 0.443 | 0.035 | 0.077 | 0.204 | 0.127 | 0.149 | 0.138 | 0.088 | 27 |
| 28 | 0.0308 | 0.0228 | 0.282 | 0.061 | 0.393 | 0.034 | 0.086 | 0.178 | 0.137 | 0.161 | 0.132 | 0.057 | 28 |
| 29 | 0.0308 | | 0.275 | 0.057 | 0.324 | 0.030 | 0.089 | 0.155 | 0.138 | 0.167 | 0.126 | 0.055 | 29 |
| 30 | 0.0308 | | 0.266 | 0.054 | 0.283 | 0.027 | 0.083 | 0.142 | 0.127 | 0.169 | 0.118 | 0.055 | 30 |
| 31 | 0.0298 | | 0.243 | | 0.262 | | 0.049 | 0.218 | | 0.184 | | 0.054 | 31 |
| TOTAL | 1.174 | 0.899 | 2.629 | 4.921 | 5.481 | 4.795 | 1.821 | 14.518 | 7.117 | 4.116 | 4.341 | 2.440 | TOTAL |
| MEAN | 0.038 | 0.025 | 0.085 | 0.164 | 0.209 | 0.160 | 0.059 | 0.488 | 0.237 | 0.133 | 0.145 | 0.079 | MEAN |
| MAX | 0.044 | 0.029 | 0.282 | 0.227 | 1.18 | 0.441 | 0.121 | 2.03 | 0.584 | 0.185 | 0.231 | 0.111 | MAX |
| MIN | 0.029 | 0.022 | 0.021 | 0.054 | 0.025 | 0.027 | 0.025 | 0.088 | 0.127 | 0.095 | 0.095 | 0.054 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.161
MAXIMUM DAILY, 2.03 ON AUG 17
MINIMUM DAILY, 0.0218 ON MAR 2
MAXIMUM INSTANTANEOUS,
2.11 AT 13.55 CST ON AUG 17

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 30 N
LONG 91 35 44 W
DRAINAGE AREA, 31.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 101 | JUL | 157 |
| FEB | 80.4 | AUG | 1 350 |
| MAR | 227 | SEP | 615 |
| APR | 426 | OCT | 356 |
| MAY | 590 | NOV | 375 |
| JUN | 414 | DEC | 211 |

TOTAL DISCHARGE, 4 750 dam³

## FAIRCHILD CREEK NEAR BRANTFORD - STATION NO. 02GB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.08 | 1.74 | 3.69 | 9.56 | 1.39 | 0.756 | 1.40 | 0.819 | 0.543 | 0.557 | 1.19 | 8.69 | 1 |
| 2 | 5.43 | 1.78 | 5.408 | 10.0 | 1.30 | 0.872 | 1.14 | 0.788 | 0.524 | 0.526 | 1.10 | 7.75 | 2 |
| 3 | 4.75 | 1.86 | 8.808 | 10.4 | 1.25 | 1.41 | 1.08 | 1.45 | 0.507 | 0.525 | 1.03 | 6.44 | 3 |
| 4 | 4.30 | 2.03 | 8.008 | 11.6 | 1.21 | 1.18 | 1.97 | 1.02 | 0.484 | 0.502 | 0.983 | 5.33 | 4 |
| 5 | 5.46 | 1.91 | 7.008 | 30.3 | 1.18 | 0.892 | 1.46 | 0.988 | 0.473 | 0.486 | 0.946 | 4.17 | 5 |
| 6 | 4.75 | 1.84 | 8.608 | 48.8 | 1.12 | 0.768 | 2.68 | 0.875 | 0.484 | 0.489 | 0.918 | 3.25 | 6 |
| 7 | 3.79 | 2.04 | 11.0 B | 44.6 | 1.05 | 0.686 | 2.51 | 0.834 | 0.458 | 0.542 | 0.886 | 2.48 | 7 |
| 8 | 3.51 | 2.23 | 14.0 B | 28.3 | 1.00 | 0.686 | 2.86 | 0.833 | 0.461 | 0.857 | 0.862 | 2.25 | 8 |
| 9 | 3.23 | 2.06 | 22.5 | 16.7 | 0.951 | 0.728 | 3.93 | 2.54 | 0.469 | 0.804 | 0.933 | 2.25 | 9 |
| 10 | 2.90 | 1.938 | 15.6 | 11.6 | 0.906 | 0.691 | 2.02 | 5.59 | 0.466 | 0.860 | 0.943 | 3.21 | 10 |
| 11 | 2.91 | 1.838 | 10.0 B | 9.36 | 0.867 | 0.656 | 1.66 | 5.07 | 0.481 | 0.841 | 0.911 | 3.71 | 11 |
| 12 | 2.72 | 1.748 | 8.008 | 8.36 | 0.879 | 0.613 | 1.35 | 3.49 | 0.607 | 0.532 | 0.879 | 3.62 | 12 |
| 13 | 2.59 | 1.898 | 6.24 | 10.1 | 0.833 | 0.622 | 1.22 | 2.75 | 0.532 | 0.531 | 0.836 | 3.80 | 13 |
| 14 | 2.52 | 1.618 | 4.84 | 9.60 | 0.826 | 0.567 | 2.87 | 1.95 | 0.819 | 0.529 | 0.836 | 3.40 | 14 |
| 15 | 5.16 | 1.558 | 3.38 | 7.97 | 1.93 | 0.527 | 1.78 | 1.42 | 0.801 | 0.521 | 0.827 | 4.83 | 15 |
| 16 | 7.35 | 1.518 | 2.73 | 6.76 | 1.24 | 0.486 | 1.13 | 1.08 | 0.627 | 0.523 | 0.804 | 8.56 | 16 |
| 17 | 5.85 | 1.498 | 2.43 | 5.84 | 1.00 | 0.463 | 1.08 | 0.850 | 0.549 | 0.537 | 0.818 | 9.23 | 17 |
| 18 | 4.808 | 1.478 | 2.22 | 4.94 | 0.927 | 0.486 | 0.945 | 0.737 | 0.822 | 0.886 | 1.22 | 7.808 | 18 |
| 19 | 4.158 | 1.468 | 2.15 | 4.09 | 1.20 | 0.525 | 0.882 | 0.681 | 0.658 | 0.556 | 1.33 | 7.36 | 19 |
| 20 | 3.708 | 1.49 | 2.13 | 3.33 | 1.06 | 0.547 | 2.56 | 0.597 | 0.702 | 0.543 | 1.40 | 9.22 | 20 |
| 21 | 3.308 | 1.51 | 2.18 | 2.85 | 1.03 | 0.583 | 2.52 | 0.559 | 0.782 | 0.585 | 1.36 | 15.5 | 21 |
| 22 | 2.958 | 1.57 | 2.25 | 2.46 | 1.01 | 1.42 | 1.46 | 0.551 | 0.722 | 0.887 | 1.08 | 16.9 | 22 |
| 23 | 2.608 | 1.67 | 2.39 | 2.23 | 1.12 | 3.04 | 1.48 | 0.527 | 0.689 | 0.835 | 1.24 | 14.2 | 23 |
| 24 | 2.258 | 1.70 | 2.53 | 2.15 | 0.937 | 4.36 | 1.29 | 0.500 | 0.649 | 0.782 | 1.04 | 10.3 | 24 |
| 25 | 2.008 | 1.73 | 2.77 | 1.91 | 0.863 | 4.96 | 2.84 | 0.494 | 0.621 | 1.05 | 1.97 | 8.96 | 25 |
| 26 | 1.838 | 1.74 | 4.79 | 1.70 | 0.830 | 4.22 | 5.73 | 0.485 | 0.595 | 0.985 | 8.29 | 8.99 | 26 |
| 27 | 1.708 | 1.88 | 5.76 | 1.58 | 0.787 | 3.49 | 2.29 | 0.808 | 0.573 | 1.26 | 8.93 | 8.31 | 27 |
| 28 | 1.618 | 2.05 | 5.20 | 1.50 | 0.761 | 3.15 | 0.994 | 0.583 | 0.548 | 1.58 | 8.06 | 8.89 | 28 |
| 29 | 1.528 | | 4.43 | 1.57 | 0.700 | 2.90 | 0.788 | 0.510 | 0.541 | 1.83 | 7.82 | 3.498 | 29 |
| 30 | 1.648 | | 5.19 | 1.48 | 0.663 | 1.90 | 0.681 | 0.491 | 0.588 | 1.55 | 8.92 | 3.308 | 30 |
| 31 | 1.698 | | 8.64 | | 0.658 | | 0.586 | 0.502 | | 1.36 | | 3.208 | 31 |
| TOTAL | 106.96 | 49.11 | 195.65 | 311.62 | 31.488 | 44.186 | 57.037 | 40.263 | 17.395 | 23.153 | 68.354 | 206.72 | TOTAL |
| MEAN | 3.51 | 1.75 | 6.31 | 10.4 | 1.02 | 1.47 | 1.84 | 1.30 | 0.580 | 0.747 | 2.28 | 6.73 | MEAN |
| MAX | 7.35 | 2.23 | 22.5 | 48.8 | 1.93 | 4.96 | 5.73 | 5.59 | 0.822 | 1.83 | 8.93 | 16.9 | MAX |
| MIN | 1.61 | 1.46 | 2.13 | 1.48 | 0.658 | 0.463 | 0.681 | 0.485 | 0.458 | 0.486 | 0.804 | 2.25 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.17
MAXIMUM DAILY, 48.8 ON APR 6
MINIMUM DAILY, 0.458 ON SEP 7
MAXIMUM INSTANTANEOUS,
54.1 AT 19.55 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 49 N
LONG 80 09 18 W
DRAINAGE AREA 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 9 410 | JUL | 4 930 |
| FEB | 4 240 | AUG | 3 480 |
| MAR | 16 900 | SEP | 1 500 |
| APR | 26 900 | OCT | 2 000 |
| MAY | 2 720 | NOV | 5 910 |
| JUN | 3 820 | DEC | 18 000 |

TOTAL DISCHARGE, 99 800 dam³

## FALL RIVER NEAR FALLBROOK - STATION NO 02KF014

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.16 | 2.78 | 2.16 | 14.3 | 5.36 | 2.39 | 1.79 | 0.620 | 0.088E | 0.075A | 0.440 | 4.65 | 1 |
| 2 | 4.05 | 2.75 | 2.43 | 14.7 | 5.82 | 2.29 | 1.87 | 0.593 | 0.067E | 0.130A | 0.436 | 5.49 | 2 |
| 3 | 4.05 | 2.72 | 2.36 | 14.9 | 5.37 | 2.31 | 1.81 | 0.666 | 0.064E | 0.080A | 0.518 | 5.87 | 3 |
| 4 | 3.95 | 2.72 | 2.35 | 14.6 | 5.10 | 2.26 | 1.87 | 0.554 | 0.064E | 0.075A | 0.889 | 5.14 | 4 |
| 5 | 3.80 | 2.70 | 2.26 | 17.1 | 5.01 | 2.32 | 1.87 | 0.402 | 0.058E | 0.127A | 0.670 | 5.47 | 5 |
| 6 | 3.72 | 2.66 | 2.26 | 18.9 | 5.01 | 2.18 | 1.84 | 0.390 | 0.060E | 0.070A | 0.656 | 5.68 | 6 |
| 7 | 3.68 | 2.55 | 2.30 | 19.8 | 4.83 | 2.15 | 1.80 | 0.402 | 0.060E | 0.220A | 0.735 | 5.65 | 7 |
| 8 | 3.62 | 2.66 | 2.37 | 19.6 | 4.83 | 2.68 | 1.61 | 0.295 | 0.075E | 0.271 | 0.613 | 5.36 | 8 |
| 9 | 3.50 | 2.67B | 2.53 | 19.2 | 4.64 | 2.72 | 1.39 | 0.278 | 0.077E | 0.428 | 0.613 | 5.39 | 9 |
| 10 | 3.52 | 2.77 | 2.61 | 17.9 | 3.66 | 2.81 | 1.39 | 0.238 | 0.060E | 0.227 | 0.589 | 5.82 | 10 |
| 11 | 3.60 | 2.71 | 2.68 | 17.1 | 3.76 | 2.87 | 1.29 | 0.208 | 0.068E | 0.228 | 0.631 | 5.92 | 11 |
| 12 | 3.54 | 2.68B | 2.71 | 16.3 | 3.41 | 2.96 | 1.29 | 0.172 | 0.060E | 0.229 | 0.675 | 7.08 | 12 |
| 13 | 3.44 | 2.65B | 2.75 | 15.1 | 3.44 | 2.82 | 1.26 | 0.189 | 0.074E | 0.220 | 0.780 | 7.12 | 13 |
| 14 | 3.42 | 2.55B | 2.72 | 14.5 | 3.39 | 3.10 | 1.39 | 0.189 | 0.074A | 0.328 | 0.780 | 7.01 | 14 |
| 15 | 3.32 | 2.49B | 2.68 | 13.7 | 3.17 | 2.75 | 1.54 | 0.182 | 0.072E | 0.185 | 0.717 | 7.01 | 15 |
| 16 | 3.26 | 2.49B | 2.67 | 13.2 | 3.31 | 2.73 | 1.50 | 0.184 | 0.070A | 0.203 | 0.704 | 7.32 | 16 |
| 17 | 3.17 | 2.40 | 2.66 | 12.6 | 3.00 | 2.61 | 1.52 | 0.176 | 0.080E | 0.268 | 0.818 | 7.38 | 17 |
| 18 | 3.19 | 2.35 | 2.61 | 12.4 | 2.60 | 2.54 | 1.57 | 0.163 | 0.060E | 0.334 | 1.93 | 7.10 | 18 |
| 19 | 3.24 | 2.31 | 2.64 | 11.8 | 2.64 | 2.60 | 1.70 | 0.146 | 0.073E | 0.214 | 1.57 | 6.94 | 19 |
| 20 | 3.13 | 2.25 | 2.72 | 10.9 | 2.63 | 2.22 | 1.88 | 0.128 | 0.073E | 0.149 | 1.07 | 7.08 | 20 |
| 21 | 3.08 | 2.18 | 2.85 | 10.1 | 2.54 | 2.18 | 1.78 | 0.121 | 0.088E | 0.185 | 1.08 | 7.25 | 21 |
| 22 | 2.98 | 2.12 | 3.07 | 9.85 | 2.54 | 1.97 | 1.62 | 0.127 | 0.062E | 0.218 | 1.14 | 7.19 | 22 |
| 23 | 3.10 | 2.10 | 3.87 | 9.04 | 2.14 | 2.01 | 1.69 | 0.121 | 0.110A | 0.259 | 1.18 | 7.03 | 23 |
| 24 | 3.01 | 2.08 | 4.55 | 8.26 | 2.30 | 2.05 | 1.51 | 0.118 | 0.070E | 0.307 | 1.21 | 6.78 | 24 |
| 25 | 2.90 | 2.05 | 5.86 | 8.20 | 2.27 | 1.88 | 1.27 | 0.118 | 0.085A | 0.845 | 1.40 | 6.80 | 25 |
| 26 | 2.84 | 2.01 | 7.00 | 7.88 | 2.26 | 1.85 | 1.18 | 0.112 | 0.083A | 0.418 | 1.72 | 8.72 | 26 |
| 27 | 2.78 | 1.97 | 9.38 | 7.37 | 2.48 | 1.90 | 1.08 | 0.111 | 0.070E | 0.474 | 1.73 | 8.87 | 27 |
| 28 | 2.72 | 1.81 | 10.4 | 6.80 | 2.63 | 2.22 | 0.977 | 0.108 | 0.070E | 0.408 | 1.73 | 8.81 | 28 |
| 29 | 2.84 | | 11.1 | 6.84 | 2.88 | 2.03 | 0.888 | 0.109A | 0.080A | 0.388 | 2.23 | 8.18 | 29 |
| 30 | 2.85 | | 12.0 | 6.55 | 2.87 | 2.09 | 0.747 | 0.077A | 0.084A | 0.476 | 3.73 | 8.90 | 30 |
| 31 | 2.81 | | 13.2 | | 2.80 | | 0.658 | 0.071E | | 0.423 | | 8.48 | 31 |
| TOTAL | 102.90 | 66.42 | 134.35 | 386.57 | 108.12 | 71.18 | 44.599 | 7.296 | 2.136 | 8.279 | 32.430 | 205.07 | TOTAL |
| MEAN | 3.32 | 2.44 | 4.33 | 13.0 | 3.82 | 2.37 | 1.44 | 0.235 | 0.071 | 0.267 | 1.08 | 6.62 | MEAN |
| MAX | 4.16 | 2.87 | 13.2 | 19.8 | 6.36 | 3.10 | 1.89 | 0.666 | 0.110 | 0.845 | 3.73 | 7.36 | MAX |
| MIN | 2.84 | 1.91 | 2.16 | 6.55 | 2.14 | 1.85 | 0.658 | 0.071 | 0.060 | 0.070 | 0.428 | 4.65 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.22
MAXIMUM DAILY, 19.8 ON APR 7
MINIMUM DAILY, 0.060E ON SEP 6
MAXIMUM INSTANTANEOUS,
20.2 AT 05:46 EST ON APR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 57 01 N
LONG 78 24 11 W
DRAINAGE AREA, 277 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 8 880 | JUL | 3 850 |
| FEB | 5 910 | AUG | 830 |
| MAR | 11 600 | SEP | 185 |
| APR | 33 600 | OCT | 715 |
| MAY | 9 430 | NOV | 2 800 |
| JUN | 6 150 | DEC | 17 700 |

TOTAL DISCHARGE, 101 000 dam³

## FAREWELL CREEK AT OSHAWA - STATION NO 02HD014

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.717 | 0.278B | 2.00 B | 1.12 | 0.194 | 0.194 | 0.179 | 0.111 | 0.105 | 0.174 | 0.248 | 1.72 | 1 |
| 2 | 0.660E | 0.275B | 3.40 B | 2.27 | 0.182 | 0.189 | 0.185 | 0.088 | 0.105 | 0.196 | 0.257 | 0.876 | 2 |
| 3 | 0.620B | 0.340B | 4.30 B | 2.58 | 0.175 | 0.139 | 0.191 | 0.168 | 0.091 | 0.188 | 0.319 | 0.710 | 3 |
| 4 | 0.570B | 0.285B | 2.80 B | 2.40 | 0.176 | 0.134 | 0.208 | 0.139 | 0.088 | 0.185 | 0.292 | 0.610 | 4 |
| 5 | 0.525B | 0.278B | 1.00 B | 8.50 | 0.159 | 0.117 | 0.202 | 0.072 | 0.077 | 0.154 | 0.295 | 0.485 | 5 |
| 6 | 0.480 | 0.278B | 1.16 B | 2.46 | 0.154 | 0.134 | 0.182 | 0.072 | 0.077 | 0.131 | 0.271 | 0.392 | 6 |
| 7 | 0.485 | 0.275B | 1.83 | 1.18 | 0.156 | 0.175 | 0.151 | 0.080 | 0.077 | 0.134 | 0.266 | 0.319 | 7 |
| 8 | 0.560B | 0.385B | 5.30 | 0.839 | 0.151 | 0.282 | 0.171 | 0.055 | 0.852 | 0.225 | 0.820 | 0.360 | 8 |
| 9 | 0.390B | 0.300B | 3.00 B | 0.582 | 0.142 | 0.191 | 0.176 | 0.196 | 0.248 | 0.216 | 1.06 | 0.592 | 9 |
| 10 | 0.283 | 0.280B | 1.80 B | 0.526 | 0.139 | 0.174 | 0.179 | 0.148 | 0.182 | 0.188 | 0.556 | 0.668 | 10 |
| 11 | 0.380 | 0.279B | 1.00 B | 0.445 | 0.182 | 0.151 | 0.148 | 0.137 | 0.126 | 0.182 | 0.386 | 0.654 | 11 |
| 12 | 0.420E | 0.277B | 0.840B | 0.280 | 0.142 | 0.151 | 0.145 | 0.108 | 0.077 | 0.186 | 0.331 | 0.868 | 12 |
| 13 | 0.386 | 0.276B | 0.520B | 0.485 | 0.125 | 0.245 | 0.205 | 0.108 | 0.105 | 0.125 | 0.331 | 0.812 | 13 |
| 14 | 0.404 | 0.275B | 0.440B | 0.425 | 0.111 | 0.228 | 0.292 | 0.094 | 0.174 | 0.148 | 0.408 | 0.884 | 14 |
| 15 | 0.544 | 0.274B | 0.450B | 0.384 | 0.105 | 0.189 | 0.148 | 0.091 | 0.139 | 0.122 | 0.325 | 1.20 E | 15 |
| 16 | 0.480B | 0.273B | 0.445 | 0.328 | 0.134 | 0.134 | 0.182 | 0.080 | 0.131 | 0.122 | 0.292 | 2.25 | 16 |
| 17 | 0.400B | 0.273B | 0.475 | 0.310 | 0.111 | 0.114 | 0.134 | 0.080 | 0.122 | 0.114 | 0.289 | 1.27 | 17 |
| 18 | 0.375B | 0.273B | 0.550 | 0.298 | 0.105 | 0.105 | 0.122 | 0.137 | 0.840 | 0.134 | 0.384 | 0.800B | 18 |
| 19 | 0.350B | 0.273B | 0.710 | 0.286 | 0.105 | 0.100 | 0.117 | 0.114 | 0.280 | 0.145 | 0.334 | 0.804 | 19 |
| 20 | 0.348B | 0.273B | 0.745 | 0.268 | 0.119 | 0.072 | 0.151 | 0.088 | 0.242 | 0.145 | 0.325 | 3.00 | 20 |
| 21 | 0.330B | 0.273B | 0.731 | 0.242 | 0.117 | 0.219 | 0.128 | 0.080 | 2.29 | 0.137 | 0.310B | 4.68 | 21 |
| 22 | 0.320B | 0.273B | 1.02 | 0.213 | 0.108 | 0.298 | 0.117 | 0.108 | 0.298 | 0.128 | 0.301 | 2.77 | 22 |
| 23 | 0.310B | 0.273B | 1.16 | 0.213 | 0.131 | 0.288 | 0.080 | 0.080 | 0.328 | 0.286 | 0.301 | 1.44 | 23 |
| 24 | 0.305B | 0.273B | 1.18 | 0.213 | 0.108 | 0.154 | 0.145 | 0.080 | 0.202 | 0.292 | 0.298 | 0.976 | 24 |
| 25 | 0.300B | 0.273B | 0.820 | 0.213 | 0.280 | 0.185 | 0.114 | 0.080 | 0.186 | 0.304 | 0.310 | 3.70 E | 25 |
| 26 | 0.295B | 0.274B | 1.40 | 0.188 | 0.134 | 0.480 | 0.097 | 0.080 | 0.148 | 0.283 | 1.48 | 2.00 E | 26 |
| 27 | 0.290B | 0.278B | 1.42 | 0.074 | 0.125 | 0.182 | 0.086 | 0.080 | 0.131 | 0.267 | 1.35 | 1.00 B | 27 |
| 28 | 0.287B | 0.400B | 0.703 | 0.228 | 0.122 | 0.184 | 0.086 | 0.080 | 0.168 | 0.316 | 0.585 | 0.900B | 28 |
| 29 | 0.285B | | 0.610 | 0.280 | 0.174 | 0.188 | 0.086 | 0.083 | 0.162 | 0.307 | 5.02 | 0.380B | 29 |
| 30 | 0.283B | | 0.636 | 0.234 | 0.188 | 0.202 | 0.114 | 0.081 | 0.159 | 0.292 | 8.44 | 0.350B | 30 |
| 31 | 0.280B | | 2.50 | | 0.155 | | 0.114 | 0.083 | | 0.257 | | 0.330B | 31 |
| TOTAL | 12.738 | 8.029 | 44.785 | 25.983 | 4.480 | 5.559 | 4.575 | 3.049 | 7.962 | 5.983 | 24.135 | 36.990 | TOTAL |
| MEAN | 0.411 | 0.287 | 1.44 | 0.865 | 0.145 | 0.185 | 0.148 | 0.098 | 0.265 | 0.192 | 0.805 | 1.19 | MEAN |
| MAX | 0.717 | 0.400 | 5.30 | 8.50 | 0.280 | 0.480 | 0.292 | 0.196 | 2.29 | 0.316 | 8.44 | 4.68 | MAX |
| MIN | 0.283 | 0.273 | 0.445 | 0.074 | 0.105 | 0.072 | 0.080 | 0.055 | 0.077 | 0.114 | 0.248 | 0.319 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.505
MAXIMUM DAILY, 8.50 ON APR 5
MINIMUM DAILY, 0.055 ON AUG 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 43 53 18 N
LONG 78 49 16 W
DRAINAGE AREA, 58.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 100 | JUL | 395 |
| FEB | 694 | AUG | 283 |
| MAR | 3 870 | SEP | 688 |
| APR | 2 240 | OCT | 515 |
| MAY | 387 | NOV | 2 090 |
| JUN | 480 | DEC | 3 200 |

TOTAL DISCHARGE, 15 900 dam³

## PAWN RIVER BELOW BIG TROUT LAKE - STATION NO. 04CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36.38 | 32.08 | 29.38 | 28.0 | 32.0 | 36.0 | 34.8 | 30.7 | 29.8 | 26.5 | 31.8 | 31.4 | 1 |
| 2 | 36.18 | 31.98 | 29.28 | 27.5 | 32.5 | 37.5 | 34.6 | 30.7 | 29.3 | 30.5 | 32.7 | 31.5 | 2 |
| 3 | 36.08 | 31.78 | 29.18 | 27.5 | 32.9 | 37.5 | 34.9 | 29.8 | 28.9 | 30.7 | 33.4 | 31.3 | 3 |
| 4 | 35.88 | 31.68 | 29.18 | 27.4 | 33.4 | 37.8 | 35.5 | 30.9 | 29.4 | 30.4 | 35.0 | 31.4 | 4 |
| 5 | 35.58 | 31.58 | 29.08 | 27.2 | 33.9 | 37.8 | 34.1 | 30.2 | 30.2 | 29.6 | 36.2 | 31.2 | 5 |
| 6 | 35.48 | 31.48 | 29.08 | 27.1 | 34.7 | 35.7 | 34.4 | 29.9 | 29.1 | 31.5 | 35.5 | 30.7 | 6 |
| 7 | 35.28 | 31.38 | 28.98 | 26.8 | 34.2 | 34.3 | 34.0 | 31.4 | 28.8 | 31.7 | 34.6 | 31.5 | 7 |
| 8 | 35.18 | 31.28 | 28.98 | 27.2 | 33.9 | 36.3 | 37.0 | 30.5 | 28.7 | 31.6 | 33.4 | 32.2 | 8 |
| 9 | 35.08 | 31.18 | 28.98 | 26.6 | 34.5 | 35.9 | 35.1 | 31.3 | 29.6 | 32.3 | 33.7 | 33.3 | 9 |
| 10 | 34.98 | 31.08 | 28.88 | 26.1 | 34.1 | 35.6 | 34.2 | 30.5 | 30.3 | 33.9 | 32.2 | 32.1 | 10 |
| 11 | 34.68 | 30.98 | 28.88 | 26.4 | 35.0 | 34.7 | 33.7 | 29.6 | 31.0 | 31.1 | 32.2 | 32.4 | 11 |
| 12 | 34.68 | 30.78 | 28.68 | 26.5 | 35.2 | 34.6 | 33.3 | 31.8 | 30.7 | 30.8 | 32.3 | 32.7 | 12 |
| 13 | 34.58 | 30.68 | 28.68 | 26.9 | 36.0 | 35.7 | 33.8 | 31.6 | 32.3 | 30.8 | 32.2 | 32.8 | 13 |
| 14 | 34.38 | 30.58 | 28.68 | 26.4 | 36.2 | 37.5 | 33.2 | 30.5 | 33.5 | 35.7 | 32.3 | 32.4 | 14 |
| 15 | 34.18 | 30.48 | 28.58 | 26.3 | 34.9 | 36.5 | 33.0 | 30.8 | 32.0 | 31.4 | 32.3 | 31.9 | 15 |
| 16 | 33.98 | 30.38 | 28.08 | 26.4 | 35.9 | 33.8 | 32.4 | 30.2 | 31.5 | 30.4 | 32.5 | 31.38 | 16 |
| 17 | 33.78 | 30.38 | 28.08 | 26.7 | 35.3 | 34.7 | 34.2 | 30.0 | 30.8 | 29.9 | 32.5 | 31.08 | 17 |
| 18 | 33.68 | 30.28 | 29.0 | 26.8 | 36.3 | 35.9 | 33.1 | 30.1 | 30.5 | 30.0 | 32.4 | 30.48 | 18 |
| 19 | 33.58 | 30.18 | 28.8 | 26.5 | 35.1 | 33.9 | 31.8 | 30.7 | 30.4 | 31.6 | 32.4 | 30.18 | 19 |
| 20 | 33.48 | 30.08 | 28.8 | 27.4 | 35.7 | 33.4 | 33.5 | 30.3 | 30.7 | 31.8 | 32.2 | 29.88 | 20 |
| 21 | 33.38 | 30.08 | 28.6 | 28.0 | 35.8 | 31.9 | 34.4 | 30.2 | 31.7 | 31.7 | 31.5 | 29.48 | 21 |
| 22 | 33.28 | 29.98 | 28.7 | 28.1 | 35.4 | 31.0 | 33.3 | 33.6 | 32.6 | 31.6 | 31.8 | 29.08 | 22 |
| 23 | 33.18 | 29.88 | 28.6 | 28.6 | 36.5 | 31.3 | 33.7 | 31.9 | 33.1 | 31.5 | 32.2 | 28.78 | 23 |
| 24 | 33.08 | 29.78 | 29.0 | 28.5 | 35.5 | 33.6 | 34.6 | 30.4 | 33.1 | 31.9 | 31.9 | 28.38 | 24 |
| 25 | 32.88 | 29.78 | 28.6 | 28.1 | 36.3 | 34.3 | 33.4 | 29.5 | 32.4 | 33.1 | 31.5 | 28.08 | 25 |
| 26 | 32.68 | 29.68 | 28.6 | 28.6 | 36.2 | 36.3 | 33.2 | 29.8 | 30.7 | 32.7 | 31.4 | 27.78 | 26 |
| 27 | 32.78 | 29.58 | 28.3 | 30.3 | 36.6 | 38.1 | 32.1 | 29.4 | 31.1 | 33.1 | 31.5 | 27.48 | 27 |
| 28 | 32.58 | 29.48 | 28.8 | 30.8 | 36.0 | 38.0 | 30.9 | 29.4 | 30.9 | 32.7 | 31.4 | 27.18 | 28 |
| 29 | 32.48 | | 28.4 | 32.0 | 36.7 | 35.6 | 31.3 | 29.4 | 31.8 | 31.6 | 31.4 | 26.98 | 29 |
| 30 | 32.28 | | 28.2 | 31.8 | 36.6 | 35.7 | 31.1 | 32.0 | 31.9 | 32.1 | 31.5 | 26.68 | 30 |
| 31 | 32.18 | | 27.9 | | 36.7 | | 30.7 | 33.6 | | 32.2 | | 26.48 | 31 |
| TOTAL | 1 055.9 | 856.3 | 892.8 | 833.2 | 1 082.1 | 1 066.8 | 1 039.1 | 850.8 | 927.6 | 976.8 | 978.3 | 835.7 | TOTAL |
| MEAN | 34.1 | 30.6 | 28.8 | 27.8 | 34.9 | 35.2 | 33.5 | 30.7 | 30.9 | 31.5 | 32.6 | 30.2 | MEAN |
| MAX | 36.3 | 32.0 | 29.3 | 32.0 | 36.5 | 38.1 | 37.0 | 33.6 | 33.5 | 36.7 | 36.2 | 32.7 | MAX |
| MIN | 32.1 | 29.4 | 27.9 | 26.1 | 32.0 | 31.0 | 30.7 | 29.4 | 28.6 | 28.9 | 31.4 | 26.4 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.7
MAXIMUM DAILY, 38.1 ON JUN 27
MINIMUM DAILY, 26.1 ON APR 10
MAXIMUM INSTANTANEOUS,
39.3 AT 17:50 EST ON JUN 14

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 46 00 N
LONG 89 33 00 W
DRAINAGE AREA, 4 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 91 200 | JUL | 89 800 |
| FEB | 74 000 | AUG | 82 200 |
| MAR | 77 100 | SEP | 80 200 |
| APR | 72 000 | OCT | 84 400 |
| MAY | 93 500 | NOV | 84 500 |
| JUN | 91 300 | DEC | 80 800 |

TOTAL DISCHARGE, 1 000 000 dam³

## FISH CREEK NEAR PROSPECT HILL - STATION NO. 02GD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.77 | 0.793 | 0.598 | 4.59 | 0.704 | 1.13 | 0.083 | 0.017 | 0.014 | 0.019 | 0.316 | 3.88 | 1 |
| 2 | 1.72 | 0.771 | 2.42 | 3.89 | 0.882 | 3.04 | 0.059 | 0.022 | 0.014 | 0.021 | 0.194 | 3.13 | 2 |
| 3 | 1.54 | 0.770 | 3.77 | 3.83 | 0.625 | 1.30 | 0.083 | 0.023 | 0.014 | 0.020 | 0.133 | 2.54 | 3 |
| 4 | 1.30 E | 0.716 | 3.36 | 4.83 | 0.580 | 0.721 | 0.380 | 0.021 | 0.013 | 0.018 | 0.112 | 2.15 | 4 |
| 5 | 1.20 E | 0.680 | 2.73 | 12.8 | 0.558 | 0.472 | 0.283 | 0.023 | 0.012 | 0.016 | 0.100 | 1.83 | 5 |
| 6 | 1.23 | 0.643 | 2.69 | 12.7 | 0.538 | 0.381 | 0.149 | 0.021 | 0.012 | 0.016 | 0.108 | 1.62 | 6 |
| 7 | 1.27 | 0.650 | 7.69 | 6.77 | 0.531 | 0.305 | 0.103 | 0.020 | 0.010 | 0.017 | 0.102 | 1.46 | 7 |
| 8 | 1.16 | 0.620 | 23.0 | 4.08 | 0.505 | 0.280 | 0.083 | 0.019 | 0.008 | 0.018 | 0.853 | 1.54 | 8 |
| 9 | 1.11 | 0.867 | 24.0 | 3.01 | 0.479 | 0.262 | 0.089 | 0.024 | 0.009 | 0.018 | 3.67 | 4.56 | 9 |
| 10 | 1.12 | 0.851 | 11.7 | 2.45 | 0.442 | 0.270 | 0.072 | 0.030 | 0.009 | 0.017 | 2.49 | 5.62 | 10 |
| 11 | 1.13 | 0.596 | 5.22 | 3.09 | 0.432 | 0.229 | 0.071 | 0.027 | 0.011 | 0.015 | 1.48 | 3.55 | 11 |
| 12 | 0.978 | 0.600 | 3.83 | 2.33 | 0.409 | 0.227 | 0.082 | 0.027 | 0.011 | 0.015 | 1.03 | 3.27 | 12 |
| 13 | 0.878 | 0.559 | 2.67 | 3.84 | 0.387 | 0.227 | 0.054 | 0.026 | 0.010 | 0.016 | 0.788 | 3.15 | 13 |
| 14 | 1.02 | 0.520 | 2.32 | 3.04 | 0.368 | 0.236 | 0.068 | 0.022 | 0.010 | 0.016 | 0.627 | 2.80 | 14 |
| 15 | 2.18 | 0.475 | 2.15 | 2.57 | 0.442 | 0.182 | 0.087 | 0.019 | 0.008 | 0.016 | 0.502 | 4.34 | 15 |
| 16 | 3.41 | 0.462 | 2.85 | 2.21 | 0.396 | 0.149 | 0.058 | 0.018 | 0.008 | 0.015 | 0.458 | 8.58 | 16 |
| 17 | 2.41 | 0.448 | 2.83 | 1.84 | 0.343 | 0.133 | 0.051 | 0.018 | 0.011 | 0.017 | 0.431 | 4.86 | 17 |
| 18 | 1.90 E | 0.431 | 3.51 | 1.70 | 0.354 | 0.123 | 0.047 | 0.018 | 0.011 | 0.018 | 0.395 | 3.49 | 18 |
| 19 | 1.40 E | 0.413 | 4.47 | 1.55 | 0.358 | 0.114 | 0.039 | 0.018 | 0.009 | 0.018 | 0.373 | 3.03 | 19 |
| 20 | 1.37 E | 0.387 | 5.04 | 1.36 | 0.380 | 0.108 | 0.032 | 0.015 | 0.008 | 0.018 | 0.352 | 10.4 | 20 |
| 21 | 1.30 | 0.381 | 4.91 | 1.25 | 0.331 | 0.104 | 0.028 | 0.019 | 0.012 | 0.020 | 0.371 | 20.3 | 21 |
| 22 | 1.22 | 0.384 | 4.60 | 1.18 | 0.298 | 0.117 | 0.028 | 0.015 | 0.011 | 0.019 | 0.319 | 9.66 | 22 |
| 23 | 0.951 | 0.395 | 4.44 | 1.11 | 0.288 | 0.136 | 0.026 | 0.015 | 0.009 | 0.025 | 0.332 | 5.33 | 23 |
| 24 | 0.8858 | 0.389 | 4.08 | 1.04 | 0.278 | 0.127 | 0.025 | 0.014 | 0.008 | 0.032 | 2.10 | 3.98 | 24 |
| 25 | 0.805 | 0.371 | 3.52 | 0.922 | 0.267 | 0.111 | 0.025 | 0.008 | 0.007 | 0.128 | 7.45 | 9.66 | 25 |
| 26 | 0.835 | 0.367 | 3.05 | 0.883 | 0.282 | 0.092 | 0.026 | 0.008 | 0.008 | 0.288 | 22.7 | 8.68 | 26 |
| 27 | 0.885 | 0.385 | 2.77 | 0.845 | 0.245 | 0.093 | 0.025 | 0.017 | 0.008 | 0.284 | 11.0 | 4.90 | 27 |
| 28 | 0.786 | 0.363 | 2.40 | 0.890 | 0.221 | 0.093 | 0.021 | 0.018 | 0.008 | 0.552 | 5.26 | 3.11 | 28 |
| 29 | 0.836 | | 2.17 | 0.827 | 0.212 | 0.083 | 0.020 | 0.016 | 0.013 | 0.554 | 3.81 | 2.258 | 29 |
| 30 | 0.892 | | 5.35 | 0.774 | 0.213 | 0.070 | 0.021 | 0.014 | 0.018 | 0.587 | 3.70 | 1.828 | 30 |
| 31 | 0.830 | | 7.18 | | 0.258 | | 0.019 | 0.013 | | 0.538 | | 1.658 | 31 |
| TOTAL | 39.615 | 14.639 | 181.688 | 90.851 | 12.343 | 10.988 | 2.115 | 0.578 | 0.314 | 3.353 | 71.559 | 146.66 | TOTAL |
| MEAN | 1.28 | 0.523 | 5.22 | 3.03 | 0.398 | 0.355 | 0.068 | 0.019 | 0.010 | 0.108 | 2.39 | 4.73 | MEAN |
| MAX | 3.41 | 0.793 | 24.0 | 12.7 | 0.704 | 3.04 | 0.380 | 0.030 | 0.018 | 0.587 | 22.7 | 20.3 | MAX |
| MIN | 0.805 | 0.363 | 0.598 | 0.774 | 0.212 | 0.070 | 0.019 | 0.008 | 0.007 | 0.015 | 0.100 | 1.46 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.52
MAXIMUM DAILY, 24.0 ON MAR 9
MINIMUM DAILY, 0.007 ON SEP 25
MAXIMUM INSTANTANEOUS
32.0 AT 23:40 EST ON MAR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 14 N
LONG 81 14 14 W
DRAINAGE AREA, 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 420 | JUL | 183 |
| FEB | 1 280 | AUG | 49.9 |
| MAR | 14 000 | SEP | 27.1 |
| APR | 7 850 | OCT | 290 |
| MAY | 1 070 | NOV | 5 180 |
| JUN | 949 | DEC | 12 700 |

TOTAL DISCHARGE, 48 000 dam³

## FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM - STATION NO 04MD002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36.9 | 52.3 | 25.8 | 0 | 0 | 0 | 0 | 29.5 | 11.4 | 0.500 | 56.2 | 57.5 | 1 |
| 2 | 36.8 | 52.0 | 24.8 | 0 | 0 | 0 | 0 | 30.6 | 0 | 1.20 | 57.8 | 57.5 | 2 |
| 3 | 36.7 | 52.3 | 24.8 | 0 | 0 | 0 | 0 | 28.3 | 0 | 1.20 | 57.0 | 43.0 | 3 |
| 4 | 36.6 | 51.1 | 24.7 | 0 | 0 | 0 | 0 | 29.5 | 0 | 3.20 | 57.8 | 33.3 | 4 |
| 5 | 36.8 | 50.7 | 24.5 | 0 | 0 | 0 | 0 | 28.3 | 0 | 3.20 | 54.6 | 33.3 | 5 |
| 6 | 36.5 | 50.3 | 24.3 | 0 | 0 | 0 | 0 | 30.2 | 0 | 4.00 | 53.8 | 23.3 | 6 |
| 7 | 36.4 | 49.8 | 24.0 | 0 | 0 | 0 | 0 | 30.8 | 0 | 12.1 | 56.2 | 23.2 | 7 |
| 8 | 36.4 | 50.4 | 23.1 | 0 | 0 | 0 | 0 | 27.0 | 0 | 22.0 | 57.0 | 23.2 | 8 |
| 9 | 36.2 | 49.9 | 22.5 | 0 | 0 | 0 | 0 | 28.3 | 0 | 39.3 | 55.4 | 23.2 | 9 |
| 10 | 36.2 | 49.5 | 21.7 | 0 | 0 | 0 | 0 | 27.0 | 0 | 56.9 | 54.6 | 23.2 | 10 |
| 11 | 36.0 | 54.8 | 21.6 | 0 | 0 | 0 | 0 | 25.8 | 0 | 60.7 | 54.6 | 23.2 | 11 |
| 12 | 35.8 | 59.1 | 21.7 | 0 | 0 | 0 | 0 | 27.6 | 0 | 61.5 | 54.6 | 23.2 | 12 |
| 13 | 35.8 | 58.0 | 21.7 | 0 | 0 | 0 | 0 | 27.6 | 0 | 77.8 | 54.2E | 23.2 | 13 |
| 14 | 35.7 | 58.7 | 21.8 | 0 | 0 | 0 | 0 | 25.2 | 0 | 112 | 53.8 | 23.2 | 14 |
| 15 | 35.6 | 56.2 | 21.5 | 0 | 0 | 0 | 0 | 25.2 | 0.500 | 125 | 52.2 | 23.1 | 15 |
| 16 | 35.5 | 55.7 | 21.5 | 0 | 0 | 0 | 0 | 24.0 | 0.300 | 123 | 53.0 | 23.1 | 16 |
| 17 | 35.4 | 55.1 | 38.1 | 0 | 0 | 0 | 0 | 25.2 | 0.200 | 121 | 53.0 | 23.1 | 17 |
| 18 | 35.3 | 54.6 | 37.4 | 0 | 0 | 0 | 0 | 22.5 | 0.200 | 121 | 53.8 | 23.1 | 18 |
| 19 | 35.2 | 44.2 | 36.7 | 0 | 0 | 0 | 0 | 24.0 | 0.300 | 122 | 54.6 | 23.1 | 19 |
| 20 | 35.1 | 27.3 | 36.0 | 0 | 0 | 0 | 0.800 | 22.8 | 0.800 | 119 | 55.2 | 23.1 | 20 |
| 21 | 35.0 | 27.3 | 35.3 | 0 | 0 | 0 | 1.20 | 24.0 | 0.300 | 115 | 59.6 | 23.1 | 21 |
| 22 | 34.9 | 26.9 | 34.6 | 0 | 0 | 0 | 1.30 | 24.0 | 0.30C | 113 | 58.8 | 23.1 | 22 |
| 23 | 34.8 | 26.7 | 33.8 | 0 | 0 | 0 | 1.90 | 24.0 | 1.00 | 90.5 | 58.4 | 23.1 | 23 |
| 24 | 34.8 | 26.4 | 33.1 | 0 | 0 | 0 | 31.9 | 22.2 | 0.200 | 85.5 | 59.6 | 23.0 | 24 |
| 25 | 34.7 | 26.4 | 32.3 | 0 | 0 | 0 | 62.5 | 20.6 | 0.500 | 88.9 | 58.3 | 23.0 | 25 |
| 26 | 34.5 | 28.2 | 31.6 | 0 | 0 | 0 | 59.4 | 20.8 | 0.700 | 88.5 | 58.3 | 23.0 | 26 |
| 27 | 34.4 | 28.1 | 31.0 | 0 | 0 | 0 | 58.4 | 20.8 | 0.700 | 88.8 | 57.5 | 23.0 | 27 |
| 28 | 33.0 | 28.8 | 30.4 | 0 | 0 | 0 | 57.8 | 19.4 | 0.800 | 87.8 | 57.5 | 23.0 | 28 |
| 29 | 33.8 | | 29.8 | 0 | 0 | 0 | 44.7 | 20.8 | 1.20 | 88.2 | 57.5 | 22.9 | 29 |
| 30 | 33.1 | | 29.4 | 0 | 0 | 0 | 36.3 | 19.4 | 0.700 | 88.5 | 57.5 | 22.88 | 30 |
| 31 | 33.0 | | 19.2 | | 0 | | 28.9 | 18.5 | | 87.0 | | 22.9 | 31 |
| TOTAL | 1 108.6 | 1 345.9 | 888.6 | 0 | 0 | 0 | 377.800 | 773.8 | 19.600 | 2 050.900 | 1 888.2 | 805.1 | TOTAL |
| MEAN | 35.3 | 48.1 | 27.7 | 0 | 0 | 0 | 12.2 | 25.0 | 0.650 | 66.2 | 62.9 | 26.0 | MEAN |
| MAX | 63.6 | 62.3 | 38.1 | 0 | 0 | 0 | 62.5 | 30.8 | 11.4 | 125 | 67.8 | 57.5 | MAX |
| MIN | 33.0 | 25.8 | 19.2 | 0 | 0 | 0 | 0 | 18.5 | 0 | 0.500 | 57.5 | 22.9 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.5
MAXIMUM DAILY, 125 ON OCT 15
MINIMUM DAILY, 0 ON APR 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 33 N
LONG 81 00 53 W
DRAINAGE AREA, 2 870 km²

E - ESTIMATED
REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 103 000 | JUL | 32 800 |
| FEB | 116 000 | AUG | 66 900 |
| MAR | 74 200 | SEP | 1 710 |
| APR | 0 | OCT | 177 000 |
| MAY | 0 | NOV | 163 000 |
| JUN | 0 | DEC | 69 500 |

TOTAL DISCHARGE, 804 000 dam³

## FREDERICK HOUSE RIVER AT NIGHTHAWK LAKE - STATION NO. 04MD003

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 273.630 | 272.870 | 271.910 | 271.850 | 273.220 | 273.750 | 274.080 | 274.350 | 274.150 | 274.270 | 274.350 | 274.230 | 1 |
| 2 | 273.590 | 272.940 | 271.900 | 271.810 | 273.270 | 273.760 | 274.090 | 274.340 | 274.150 | 274.280 | 274.350 | 274.230 | 2 |
| 3 | 273.570 | 272.910 | 271.910 | 271.850 | 273.280 | 273.800 | 274.090 | 274.340 | 274.150 | 274.300 | 274.250 | 274.230 | 3 |
| 4 | 273.570 | 272.880 | 271.920 | 271.870 | 273.320 | 273.780 | 274.080 | 274.320 | 274.160 | 274.350 | 274.260 | 274.220 | 4 |
| 5 | 273.550 | 272.830 | 271.870 | 271.860 | 273.360 | 273.790 | 274.100 | 274.330 | 274.160 | 274.350 | 274.220 | 274.220 | 5 |
| 6 | 273.530 | 272.780 | 271.850 | 271.850 | 273.380 | 273.810 | 274.100 | 274.350 | 274.180 | 274.400 | 274.220 | 274.210 | 6 |
| 7 | 273.500 | 272.760 | 271.800 | 271.710 | 273.380 | 273.830 | 274.100 | 274.380 | 274.170 | 274.410 | 274.330 | 274.200 | 7 |
| 8 | 273.500 | 272.700 | 271.890 | 271.770 | 273.380 | 273.810 | 274.110 | 274.330 | 274.170 | 274.420 | 274.330 | 274.200 | 8 |
| 9 | 273.480 | 272.670 | 271.880 | 271.890 | 273.390 | 273.820 | 274.110 | 274.330 | 274.200 | 274.460 | 274.330 | 274.200 | 9 |
| 10 | 273.470 | 272.660 | 271.890 | 272.000 | 273.420 | 273.850 | 274.110 | 274.310 | 274.200 | 274.470 | 274.330 | 274.200 | 10 |
| 11 | 273.450 | 272.590 | 271.870 | 272.100 | 273.440 | 273.870 | 274.110 | 274.300 | 274.220 | 274.470 | 274.320 | 274.190 | 11 |
| 12 | 273.430 | 272.560 | 271.880 | 272.140 | 273.430 | 273.880 | 274.110 | 274.300 | 274.240 | 274.510 | 274.320 | 274.190 | 12 |
| 13 | 273.420 | 272.500 | 271.890 | 272.280 | 273.470 | 273.900 | 274.180 | 274.280 | 274.250 | 274.520 | 274.320 | 274.190 | 13 |
| 14 | 273.390 | 272.470 | 271.510 | 272.380 | 273.480 | 273.920 | 274.180 | 274.280 | 274.250 | 274.520 | 274.320 | 274.180 | 14 |
| 15 | 273.370 | 272.420 | 271.480 | 272.450 | 273.480 | 273.880 | 274.180 | 274.280 | 274.250 | 274.810 | 274.310 | 274.180 | 15 |
| 16 | 273.350 | 272.380 | 271.480 | 272.520 | 273.480 | 273.850 | 274.180 | 274.270 | 274.250 | 274.480 | 274.300 | 274.170 | 16 |
| 17 | 273.320 | 272.330 | 271.470 | 272.580 | 273.480 | 273.870 | 274.200 | 274.260 | 274.260 | 274.480 | 274.290 | 274.170 | 17 |
| 18 | 273.320 | 272.280 | 271.470 | 272.650 | 273.480 | 273.880 | 274.210 | 274.260 | 274.260 | 274.470 | 274.260 | 274.170 | 18 |
| 19 | 273.290 | 272.250 | 271.480 | 272.710 | 273.480 | 274.000 | 274.230 | 274.250 | 274.280 | 274.480 | 274.260 | 274.170 | 19 |
| 20 | 273.270 | 272.220 | 271.420 | 272.780 | 273.500 | 274.010 | 274.270 | 274.250 | 274.270 | 274.440 | 274.270 | 274.170 | 20 |
| 21 | 273.260 | 272.200 | 271.440 | 272.810 | 273.500 | 274.020 | 274.310 | 274.240 | 274.270 | 274.420 | 274.270 | 274.170 | 21 |
| 22 | 273.250 | 272.190 | 271.470 | 272.880 | 273.500 | 274.020 | 274.340 | 274.220 | 274.270 | 274.400 | 274.280 | 274.170 | 22 |
| 23 | 273.220 | 272.180 | 271.450 | 272.950 | 273.550 | 274.040 | 274.390 | 274.220 | 274.270 | 274.380 | 274.280 | 274.160 | 23 |
| 24 | 273.190 | 272.100 | 271.480 | 272.970 | 273.580 | 274.040 | 274.410 | 274.220 | 274.260 | 274.370 | 274.280 | 274.160 | 24 |
| 25 | 273.180 | 272.090 | 271.490 | 273.000 | 273.620 | 274.040 | 274.420 | 274.210 | 274.280 | 274.370 | 274.280 | 274.150 | 25 |
| 26 | 273.160 | 272.070 | 271.510 | 273.040 | 273.650 | 274.050 | 274.400 | 274.270 | 274.270 | 274.370 | 274.280 | 274.150 | 26 |
| 27 | 273.140 | 272.050 | 271.540 | 273.110 | 273.670 | 274.080 | 274.400 | 274.200 | 274.260 | 274.370 | 274.260 | 274.140 | 27 |
| 28 | 273.130 | 272.020 | 271.560 | 273.190 | 273.690 | 274.080 | 274.380 | 274.200 | 274.270 | 274.350 | 274.250 | 274.130 | 28 |
| 29 | 273.090 | | 271.580 | 273.170 | 273.710 | 274.070 | 274.380 | 274.190 | 274.280 | 274.350 | 274.240 | 274.130 | 29 |
| 30 | 273.080 | | 271.510 | 273.150 | 273.730 | 274.070 | 274.380 | 274.190 | 274.270 | 274.380 | 274.230 | 274.110 | 30 |
| 31 | 273.020 | | 271.540 | | 273.730 | | 274.380 | 274.170 | | 274.380 | | 274.110 | 31 |
| MEAN | 273.345 | 272.484 | 271.590 | 272.402 | 273.488 | 273.931 | 274.223 | 274.271 | 274.223 | 274.408 | 274.297 | 274.177 | MEAN |
| MAX | 273.630 | 272.870 | 271.920 | 273.190 | 273.730 | 274.070 | 274.420 | 274.380 | 274.280 | 274.520 | 274.350 | 274.230 | MAX |
| MIN | 273.020 | 272.020 | 271.420 | 271.550 | 273.220 | 273.750 | 274.080 | 274.170 | 274.150 | 274.280 | 274.230 | 274.110 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 273.576
MAXIMUM DAILY, 274.520 ON OCT 13
MINIMUM DAILY, 271.420 ON MAR 20

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 32 50 N
LONG 80 58 25 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1938

DRAINAGE AREA,
2 540 km²

WATER LEVELS ARE REFERRED TO TEMISKAMING AND NORTHERN ONTARIO RAILWAY DATUM
APPLY -0.582 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

## FRENCH LAKE NEAR ATIKOKAN - STATION NO. 05PA010

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 31.182 | 31.174 | 31.157 | 31.153 | 31.173 | 31.210 | 31.132 | 31.259 | 31.630 | 31.439 | 31.253 | 31.203 | 1 |
| 2 | 31.181 | 31.174 | 31.161 | 31.154 | 31.186 | 31.234 | 31.134 | 31.335 | 31.612 | 31.417 | 31.251 | 31.199 | 2 |
| 3 | 31.183 | 31.175 | 31.163 | 31.183 | 31.183 | 31.233 | 31.129 | 31.387 | 31.602 | 31.417 | 31.250 | 31.195 | 3 |
| 4 | 31.184 | 31.175 | 31.162 | 31.150 | 31.159 | 31.224 | 31.127 | 31.363 | 31.594 | 31.403 | 31.257 | 31.190 | 4 |
| 5 | 31.183 | 31.170 | 31.161 | 31.151 | 31.180 | 31.219 | 31.125 | 31.384 | 31.585 | 31.406 | 31.254 | 31.187 | 5 |
| 6 | 31.183 | 31.171 | 31.159 | 31.149 | 31.157 | 31.215 | 31.122 | 31.372 | 31.595 | 31.397 | 31.253 | 31.184 | 6 |
| 7 | 31.183 | 31.167 | 31.157 | 31.149 | 31.155 | 31.217 | 31.122 | 31.368 | 31.597 | 31.385 | 31.248 | 31.182 | 7 |
| 8 | 31.181 | 31.167 | 31.154 | 31.152 | 31.158 | 31.211 | 31.124 | 31.365 | 31.592 | 31.374 | 31.244 | 31.183 | 8 |
| 9 | 31.178 | 31.168 | 31.152 | 31.156 | 31.153 | 31.209 | 31.114 | 31.364 | 31.586 | 31.377 | 31.243 | 31.183 | 9 |
| 10 | 31.180 | 31.167 | 31.151 | 31.157 | 31.144 | 31.208 | 31.121 | 31.355 | 31.580 | 31.371 | 31.234 | 31.183 | 10 |
| 11 | 31.180 | 31.168 | 31.151 | 31.159 | 31.145 | 31.209 | 31.122 | 31.359 | 31.579 | 31.361 | 31.230 | 31.182 | 11 |
| 12 | 31.178 | 31.168 | 31.161 | 31.165 | 31.145 | 31.213 | 31.127 | 31.443 | 31.574 | 31.352 | 31.223 | 31.184 | 12 |
| 13 | 31.177 | 31.165 | 31.150 | 31.168 | 31.147 | 31.211 | 31.124 | 31.462 | 31.575 | 31.345 | 31.221 | 31.190 | 13 |
| 14 | 31.180 | 31.165 | 31.150 | 31.169 | 31.145 | 31.212 | 31.117 | 31.469 | 31.559 | 31.343 | 31.218 | 31.189 | 14 |
| 15 | 31.183 | 31.166 | 31.148 | 31.169 | 31.144 | 31.208 | 31.113 | 31.498 | 31.581 | 31.328 | 31.210 | 31.187 | 15 |
| 16 | 31.178 | 31.164 | 31.147 | 31.177 | 31.142 | 31.202 | 31.112 | 31.621 | 31.547 | 31.320 | 31.218 | 31.184 | 16 |
| 17 | 31.177 | 31.164 | 31.148 | 31.180 | 31.148 | 31.200 | 31.117 | 31.578 | 31.537 | 31.320 | 31.222 | 31.180 | 17 |
| 18 | 31.177 | 31.161 | 31.140 | 31.181 | 31.141 | 31.200 | 31.103 | 31.695 | 31.524 | 31.323 | 31.230 | 31.177 | 18 |
| 19 | 31.175 | 31.160 | 31.137 | 31.180 | 31.148 | 31.190 | 31.119 | 31.701 | 31.520 | 31.318 | 31.231 | 31.177 | 19 |
| 20 | 31.177 | 31.160 | 31.138 | 31.189 | 31.148 | 31.181 | 31.115 | 31.705 | 31.517 | 31.307 | 31.225 | 31.177 | 20 |
| 21 | 31.177 | 31.158 | 31.137 | 31.187 | 31.155 | 31.172 | 31.109 | 31.715 | 31.518 | 31.301 | 31.220 | 31.178 | 21 |
| 22 | 31.177 | 31.160 | 31.138 | 31.189 | 31.174 | 31.186 | 31.108 | 31.730 | 31.517 | 31.294 | 31.217 | 31.178 | 22 |
| 23 | 31.176 | 31.160 | 31.139 | 31.185 | 31.183 | 31.189 | 31.153 | 31.720 | 31.511 | 31.288 | 31.218 | 31.180 | 23 |
| 24 | 31.176 | 31.162 | 31.143 | 31.183 | 31.184 | 31.173 | 31.158 | 31.713 | 31.503 | 31.288 | 31.212 | 31.180 | 24 |
| 25 | 31.173 | 31.160 | 31.144 | 31.182 | 31.182 | 31.170 | 31.152 | 31.694 | 31.492 | 31.287 | 31.208 | 31.181 | 25 |
| 26 | 31.171 | 31.160 | 31.147 | 31.185 | 31.187 | 31.163 | 31.148 | 31.691 | 31.481 | 31.286 | 31.208 | 31.174 | 26 |
| 27 | 31.173 | 31.159 | 31.149 | 31.188 | 31.183 | 31.159 | 31.142 | 31.686 | 31.474 | 31.285 | 31.207 | 31.171 | 27 |
| 28 | 31.173 | 31.156 | 31.153 | 31.190 | 31.200 | 31.153 | 31.139 | 31.674 | 31.468 | 31.281 | 31.204 | 31.171 | 28 |
| 29 | 31.172 |  | 31.152 | 31.181 | 31.207 | 31.143 | 31.139 | 31.660 | 31.463 | 31.274 | 31.204 | 31.170 | 29 |
| 30 | 31.174 |  | 31.152 | 31.177 | 31.208 | 31.140 | 31.129 | 31.665 | 31.449 | 31.268 | 31.202 | 31.169 | 30 |
| 31 | 31.174 |  | 31.152 |  | 31.207 |  | 31.127 | 31.647 |  | 31.262 |  | 31.172 | 31 |
| MEAN | 31.178 | 31.165 | 31.150 | 31.170 | 31.185 | 31.194 | 31.127 | 31.540 | 31.545 | 31.336 | 31.227 | 31.182 | MEAN |
| MAX | 31.184 | 31.175 | 31.163 | 31.190 | 31.208 | 31.234 | 31.158 | 31.730 | 31.630 | 31.439 | 31.257 | 31.203 | MAX |
| MIN | 31.171 | 31.156 | 31.136 | 31.149 | 31.141 | 31.140 | 31.103 | 31.259 | 31.449 | 31.262 | 31.202 | 31.169 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 31.248
MAXIMUM DAILY, 31.730 ON AUG 22
MINIMUM DAILY, 31.103 ON JUL 18
MAXIMUM INSTANTANEOUS,
31.737 AT 21:08 CST ON AUG 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 40 20 N
LONG 91 08 05 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

## FRENCH RIVER AT CHAUDIERE DAM - STATION NO. 02DD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 127 | 115 | 100 | 101 | 4.87 | 23.8 | 14.7 | 14.6 | 14.5 | 14.3 | 35.2 | 78.5 | 1 |
| 2 | 126 | 115 | 99.6 | 101 | 4.78 | 22.5 | 14.7 | 14.6 | 14.4 | 14.3 | 35.1 | 78.2 | 2 |
| 3 | 126 | 114 | 99.5 | 85.1 | 4.74 | 19.0 | 14.7 | 14.6 | 14.3 | 14.2 | 40.6 | 88.5 | 3 |
| 4 | 125 | 114 | 98.7 | 70.4 | 4.75 | 16.6 | 14.7 | 14.6 | 14.3 | 14.2 | 47.0 | 94.1 | 4 |
| 5 | 125 | 113 | 98.1 | 71.4 | 4.78 | 16.6 | 14.7 | 14.6 | 14.3 | 14.2 | 47.1 | 97.9 | 5 |
| 6 | 125 | 113 | 97.3 | 84.0 | 4.71 | 16.6 | 14.7 | 14.6 | 14.3 | 14.2 | 58.3 | 97.7 | 6 |
| 7 | 124 | 112 | 96.6 | 80.3 | 4.73 | 16.6 | 14.7 | 14.6 | 14.3 | 14.2 | 71.1 | 101 | 7 |
| 8 | 124 | 112 | 96.6 | 35.9 | 4.71 | 16.7 | 14.7 | 14.6 | 14.3 | 14.2 | 71.2 | 111 | 8 |
| 9 | 124 | 112 | 96.4 | 14.4 | 4.72 | 16.8 | 14.7 | 14.6 | 14.3 | 14.3 | 78.3 | 118 | 9 |
| 10 | 123 | 111 | 95.8 | 5.87 | 4.88 | 16.8 | 14.7 | 14.6 | 14.3 | 14.3 | 85.5 | 120 | 10 |
| 11 | 123 | 111 | 93.8 | 5.83 | 4.62 | 15.8 | 14.7 | 14.6 | 14.3 | 14.3 | 84.7 | 124 | 11 |
| 12 | 123 | 111 | 93.4 | 5.64 | 4.84 | 14.8 | 14.7 | 14.6 | 14.3 | 14.3 | 84.5 | 124 | 12 |
| 13 | 122 | 110 | 92.8 | 5.47 | 4.45 | 14.6 | 14.7 | 14.6 | 14.3 | 14.3 | 92.3 | 124 | 13 |
| 14 | 122 | 110 | 92.3 | 5.52 | 4.47 | 14.7 | 14.7 | 14.6 | 14.3 | 14.3 | 101 | 129 | 14 |
| 15 | 121 | 109 | 91.3 | 5.44 | 4.31 | 14.7 | 14.7 | 14.6 | 14.2 | 14.3 | 101 | 134 | 15 |
| 16 | 120 | 108 | 90.5 | 5.42 | 4.25 | 14.7 | 14.7 | 14.6 | 14.2 | 14.3 | 99.0 | 138 | 16 |
| 17 | 121 | 108 | 89.9 | 5.41 | 4.25 | 14.8 | 14.7 | 14.6 | 14.2 | 14.3 | 99.7 | 135 | 17 |
| 18 | 121 | 107 | 89.2 | 5.43 | 4.27 | 14.7 | 14.7 | 14.6 | 14.2 | 14.3 | 98.6 | 134 | 18 |
| 19 | 120 | 106 | 88.5 | 5.30 | 4.27 | 14.7 | 14.6 | 14.6 | 14.2 | 14.3 | 98.9 | 135 | 19 |
| 20 | 119 | 105 | 87.8 | 5.45 | 4.26 | 14.7 | 14.7 | 14.6 | 14.2 | 14.3 | 100 | 135 | 20 |
| 21 | 119 | 105 | 87.3 | 5.44 | 15.0 | 14.7 | 14.7 | 14.6 | 14.2 | 14.3 | 99.6 | 133 | 21 |
| 22 | 119 | 104 | 87.2 | 5.40 | 26.0 | 14.6 | 14.7 | 14.6 | 14.2 | 14.3 | 98.9 | 132 | 22 |
| 23 | 118 | 103 | 86.7 | 5.23 | 19.8 | 14.6 | 14.6 | 14.6 | 14.2 | 14.3 | 119 | 132 | 23 |
| 24 | 118 | 102 | 87.0 | 5.08 | 19.7 | 14.7 | 14.6 | 14.6 | 14.2 | 14.3 | 107 | 132 | 24 |
| 25 | 118 | 101 | 87.5 | 5.04 | 21.8 | 14.7 | 14.7 | 14.6 | 14.2 | 14.3 | 108 | 133 | 25 |
| 26 | 117 | 101 | 88.1 | 4.98 | 24.2 | 14.6 | 14.6 | 14.6 | 14.2 | 14.3 | 107 | 132 | 26 |
| 27 | 117 | 101 | 90.6 | 4.94 | 24.2 | 14.7 | 14.7 | 14.5 | 14.2 | 14.3 | 78.0 | 131 | 27 |
| 28 | 117 | 100 | 92.8 | 4.94 | 24.2 | 14.7 | 14.7 | 14.5 | 14.2 | 14.3 | 77.8 | 131 | 28 |
| 29 | 116 |  | 94.5 | 4.87 | 23.6 | 14.7 | 14.7 | 14.5 | 14.2 | 14.3 | 78.2 | 130 | 29 |
| 30 | 116 |  | 97.6 | 4.88 | 22.7 | 14.7 | 14.7 | 14.5 | 14.2 | 23.1 | 77.9 | 129 | 30 |
| 31 | 115 |  | 102 |  | 23.5 |  | 14.6 | 14.5 |  | 38.8 |  | 129 | 31 |
| TOTAL | 3 751 | 3 033 | 2 889.2 | 704.94 | 337.98 | 477.2 | 456.0 | 452.1 | 427.7 | 472.8 | 2 480.6 | 3 742.8 | TOTAL |
| MEAN | 121 | 108 | 93.2 | 23.5 | 10.9 | 15.9 | 14.7 | 14.6 | 14.3 | 15.3 | 82.7 | 121 | MEAN |
| MAX | 127 | 115 | 102 | 101 | 26.0 | 23.8 | 14.8 | 14.6 | 14.5 | 38.8 | 119 | 138 | MAX |
| MIN | 115 | 100 | 86.7 | 4.87 | 4.25 | 14.6 | 14.6 | 14.5 | 14.2 | 14.2 | 35.1 | 78.2 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.7
MAXIMUM DAILY, 138 ON DEC 16
MINIMUM DAILY, 4.25 ON MAY 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 07 33 N
LONG 80 01 10 W

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 324 000 | JUL | 39 400 |
| FEB | 282 000 | AUG | 38 100 |
| MAR | 250 000 | SEP | 37 000 |
| APR | 60 900 | OCT | 40 800 |
| MAY | 29 200 | NOV | 214 000 |
| JUN | 41 200 | DEC | 323 000 |

REGULATED SINCE 1915

TOTAL DISCHARGE, 1 680 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD016, 02DD020 TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

## FRENCH RIVER AT DRY PINE BAY - STATION NO. 02DD010

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 180 | 186 | 178 | 215 | 94.0 | 51.4 | 33.8 | 29.4 | 27.8 | 25.8 | 32.5 | 109 | 1 |
| 2 | 178 | 186 | 178 | 216 | 93.3 | 50.3 | 33.6 | 29.3 | 27.7 | 28.6 | 35.5 | 108 | 2 |
| 3 | 178 | 189 | 177 | 213 | 92.4 | 49.8 | 33.3 | 29.0 | 27.6 | 28.7 | 38.7 | 108 | 3 |
| 4 | 176 | 188 | 175 | 208 | 91.4 | 48.3 | 33.0 | 28.9 | 27.3 | 28.7 | 42.9 | 109 | 4 |
| 5 | 176 | 188 | 176 | 194 | 90.8 | 46.2 | 32.7 | 28.8 | 27.1 | 28.5 | 48.8 | 112 | 5 |
| 6 | 175 | 187 | 182 | 188 | 89.4 | 44.1 | 32.8 | 28.4 | 27.0 | 29.1 | 54.0 | 115 | 6 |
| 7 | 174 | 187 | 185 | 186 | 88.3 | 43.2 | 32.8 | 28.5 | 27.0 | 29.1 | 59.4 | 117 | 7 |
| 8 | 173 | 188 | 188 | 178 | 87.5 | 42.8 | 32.5 | 28.5 | 26.9 | 28.8 | 65.4 | 119 | 8 |
| 9 | 171 | 188 | 188 | 188 | 88.4 | 43.5 | 32.3 | 28.7 | 27.0 | 28.6 | 72.9 | 124 | 9 |
| 10 | 169 | 187 | 187 | 185 | 85.0 | 43.2 | 32.2 | 28.3 | 27.1 | 28.3 | 79.3 | 134 | 10 |
| 11 | 168 | 185 | 186 | 142 | 85.7 | 43.4 | 32.2 | 28.3 | 27.3 | 28.0 | 85.1 | 142 | 11 |
| 12 | 166 | 184 | 185 | 133 | 85.4 | 43.6 | 32.2 | 28.1 | 27.3 | 27.8 | 90.1 | 149 | 12 |
| 13 | 168 | 184 | 184 | 128 | 84.6 | 43.7 | 32.0 | 28.1 | 27.4 | 27.4 | 93.7 | 155 | 13 |
| 14 | 168 | 187 | 183 | 121 | 84.1 | 43.1 | 31.6 | 28.5 | 27.4 | 26.9 | 96.5 | 159 | 14 |
| 15 | 168 | 189 | 182 | 118 | 83.6 | 42.2 | 31.2 | 31.1 | 27.3 | 26.9 | 101 | 166 | 15 |
| 16 | 168 | 189 | 181 | 116 | 83.2 | 41.3 | 30.8 | 31.9 | 27.1 | 27.0 | 108 | 179 | 16 |
| 17 | 168 | 188 | 180 | 113 | 84.2 | 38.7 | 30.4 | 31.9 | 27.1 | 26.9 | 110 | 187 | 17 |
| 18 | 164 | 187 | 178 | 111 | 84.5 | 38.7 | 30.9 | 31.7 | 28.7 | 26.8 | 114 | 195 | 18 |
| 19 | 164 | 188 | 177 | 108 | 83.9 | 38.0 | 32.1 | 31.8 | 28.8 | 26.7 | 116 | 203 | 19 |
| 20 | 163 | 185 | 176 | 106 | 83.2 | 37.0 | 31.8 | 31.6 | 28.9 | 26.7 | 118 | 209 | 20 |
| 21 | 164 | 184 | 171 | 104 | 83.8 | 36.1 | 31.8 | 31.3 | 26.9 | 26.5 | 117 | 212 | 21 |
| 22 | 164 | 183 | 165 | 102 | 85.1 | 35.5 | 31.3 | 30.7 | 26.8 | 26.7 | 118 | 216 | 22 |
| 23 | 162 | 182 | 162 | 100 | 83.1 | 35.0 | 31.0 | 30.1 | 26.6 | 26.6 | 118 | 221 | 23 |
| 24 | 162 | 180 | 158 | 96.1 | 78.9 | 34.4 | 31.1 | 29.4 | 26.5 | 26.9 | 119 | 226 | 24 |
| 25 | 161 | 179 | 157 | 95.8 | 69.8 | 34.1 | 31.7 | 28.9 | 26.2 | 27.8 | 121 | 231 | 25 |
| 26 | 160 | 178 | 159 | 93.9 | 64.5 | 33.7 | 31.6 | 28.6 | 25.8 | 28.0 | 122 | 233 | 26 |
| 27 | 159 | 178 | 158 | 94.3 | 60.5 | 33.8 | 31.3 | 28.2 | 26.8 | 28.5 | 121 | 232 | 27 |
| 28 | 159 | 178 | 178 | 95.5 | 57.6 | 33.8 | 30.9 | 27.9 | 26.6 | 29.2 | 118 | 231 | 28 |
| 29 | 164 |  | 183 | 95.7 | 55.0 | 34.2 | 30.5 | 27.6 | 26.1 | 29.8 | 111 | 229 | 29 |
| 30 | 173 |  | 187 | 94.7 | 52.9 | 34.3 | 30.3 | 27.7 | 26.3 | 29.9 | 110 | 227 | 30 |
| 31 | 181 |  | 210 |  | 52.4 |  | 29.8 | 28.1 |  | 30.5 |  | 225 | 31 |
| TOTAL | 5 219 | 5 177 | 5 530 | 4 086.8 | 2 483.7 | 1 216.8 | 985.7 | 909.2 | 806.4 | 886.5 | 2 731.9 | 5 383 | TOTAL |
| MEAN | 168 | 185 | 178 | 136 | 80.1 | 40.6 | 31.8 | 29.3 | 26.9 | 28.0 | 91.1 | 174 | MEAN |
| MAX | 181 | 189 | 210 | 216 | 94.0 | 51.4 | 33.8 | 31.9 | 27.8 | 30.5 | 122 | 233 | MAX |
| MIN | 159 | 175 | 157 | 93.9 | 52.4 | 33.7 | 29.8 | 27.6 | 25.8 | 26.5 | 32.5 | 108 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 97.0
MAXIMUM DAILY, 233 ON DEC 26
MINIMUM DAILY, 25.8 ON SEP 28
MAXIMUM INSTANTANEOUS,
234 AT 21:16 EST ON DEC 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 03 01 N
LONG 80 34 28 W
DRAINAGE AREA, 13 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 451 000 | JUL | 85 200 |
| FEB | 447 000 | AUG | 78 600 |
| MAR | 478 000 | SEP | 69 700 |
| APR | 353 000 | OCT | 76 900 |
| MAY | 215 000 | NOV | 236 000 |
| JUN | 105 000 | DEC | 465 000 |

TOTAL DISCHARGE, 3 060 000 dam³

## FRENCH RIVER AT LAKE NIPISSING - STATION NO. 02DD007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 171 | 185 | 186 | 127 | 79.5 | 38.6 | 33.0 | 31.3 | 30.0 | 28.4 | 49.6 | 91.8 | 1 |
| 2 | 170 | 185 | 185 | 127 | 79.3 | 38.0 | 33.0 | 31.0 | 29.6 | 28.3 | 49.4 | 91.4 | 2 |
| 3 | 169 | 182 | 185 | 112 | 79.4 | 35.2 | 32.7 | 30.9 | 29.5 | 28.1 | 54.9 | 102 | 3 |
| 4 | 168 | 182 | 173 | 98.8 | 79.6 | 32.7 | 32.8 | 30.6 | 29.2 | 28.8 | 61.3 | 111 | 4 |
| 5 | 167 | 180 | 163 | 101 | 79.7 | 32.5 | 32.6 | 30.7 | 29.4 | 28.5 | 61.6 | 111 | 5 |
| 6 | 167 | 180 | 161 | 94.1 | 79.5 | 32.5 | 32.5 | 30.7 | 29.1 | 28.3 | 73.1 | 111 | 6 |
| 7 | 166 | 178 | 160 | 82.7 | 79.7 | 32.5 | 32.5 | 30.8 | 29.1 | 28.3 | 86.0 | 114 | 7 |
| 8 | 165 | 178 | 179 | 89.9 | 79.7 | 32.7 | 32.8 | 30.8 | 29.2 | 28.3 | 85.9 | 124 | 8 |
| 9 | 165 | 178 | 178 | 48.6 | 79.4 | 33.8 | 32.5 | 30.7 | 29.1 | 28.3 | 82.8 | 131 | 9 |
| 10 | 164 | 177 | 177 | 44.9 | 79.3 | 33.7 | 32.4 | 30.6 | 29.0 | 28.3 | 89.8 | 133 | 10 |
| 11 | 163 | 177 | 174 | 61.7 | 78.7 | 32.9 | 32.5 | 30.6 | 29.1 | 28.2 | 99.2 | 137 | 11 |
| 12 | 163 | 175 | 173 | 83.9 | 79.5 | 31.5 | 32.4 | 30.5 | 29.1 | 28.0 | 98.9 | 137 | 12 |
| 13 | 161 | 185 | 174 | 84.9 | 79.2 | 32.1 | 32.8 | 30.1 | 29.0 | 28.0 | 106 | 137 | 13 |
| 14 | 161 | 185 | 175 | 86.8 | 78.8 | 32.3 | 33.6 | 30.1 | 29.5 | 28.0 | 115 | 152 | 14 |
| 15 | 159 | 183 | 172 | 88.1 | 78.0 | 32.3 | 33.0 | 30.3 | 28.9 | 28.0 | 115 | 173 | 15 |
| 16 | 158 | 182 | 170 | 89.5 | 78.5 | 32.3 | 32.8 | 30.9 | 29.0 | 27.4 | 113 | 176 | 16 |
| 17 | 159 | 181 | 169 | 70.8 | 78.5 | 32.4 | 32.3 | 31.1 | 28.8 | 27.9 | 113 | 182 | 17 |
| 18 | 159 | 180 | 168 | 71.3 | 78.5 | 32.1 | 32.2 | 31.2 | 28.4 | 27.9 | 112 | 190 | 18 |
| 19 | 158 | 178 | 166 | 72.0 | 79.2 | 32.5 | 32.7 | 31.1 | 28.3 | 27.5 | 113 | 191 | 19 |
| 20 | 156 | 176 | 164 | 72.7 | 79.1 | 32.5 | 32.5 | 30.9 | 28.3 | 27.9 | 114 | 191 | 20 |
| 21 | 156 | 176 | 144 | 72.8 | 75.9 | 32.6 | 32.2 | 30.7 | 28.6 | 27.9 | 113 | 198 | 21 |
| 22 | 156 | 175 | 143 | 74.4 | 54.8 | 32.4 | 32.2 | 30.7 | 28.7 | 27.9 | 112 | 206 | 22 |
| 23 | 155 | 172 | 139 | 75.8 | 44.4 | 32.6 | 32.1 | 31.0 | 28.6 | 27.8 | 132 | 210 | 23 |
| 24 | 154 | 170 | 117 | 76.5 | 38.3 | 32.6 | 32.0 | 30.8 | 28.5 | 28.0 | 120 | 213 | 24 |
| 25 | 154 | 168 | 118 | 76.7 | 38.0 | 32.5 | 31.9 | 30.5 | 28.4 | 27.9 | 121 | 214 | 25 |
| 26 | 153 | 168 | 119 | 76.8 | 38.3 | 32.3 | 32.1 | 30.1 | 28.4 | 28.6 | 120 | 213 | 26 |
| 27 | 153 | 168 | 123 | 77.0 | 38.3 | 32.8 | 31.8 | 29.9 | 28.3 | 28.5 | 90.8 | 211 | 27 |
| 28 | 167 | 166 | 126 | 77.3 | 38.4 | 32.6 | 31.8 | 29.9 | 28.2 | 28.9 | 90.7 | 211 | 28 |
| 29 | 167 |  | 129 | 78.6 | 38.3 | 33.4 | 31.6 | 29.8 | 28.1 | 28.7 | 90.8 | 209 | 29 |
| 30 | 167 |  | 126 | 79.1 | 38.5 | 33.1 | 31.8 | 29.7 | 28.2 | 37.3 | 90.6 | 207 | 30 |
| 31 | 165 |  | 128 |  | 38.7 |  | 31.3 | 29.7 |  | 49.9 |  | 206 | 31 |
| TOTAL | 5 076 | 4 970 | 4 844 | 2 357.0 | 2 089.1 | 994.2 | 1 004.4 | 947.7 | 865.8 | 905.6 | 2 894.4 | 5 084.2 | TOTAL |
| MEAN | 164 | 178 | 156 | 78.6 | 68.7 | 33.1 | 32.4 | 30.6 | 28.9 | 29.2 | 96.5 | 164 | MEAN |
| MAX | 167 | 185 | 163 | 127 | 79.7 | 39.6 | 33.6 | 31.3 | 30.0 | 49.9 | 132 | 214 | MAX |
| MIN | 153 | 166 | 117 | 44.8 | 38.0 | 31.5 | 31.3 | 29.7 | 28.1 | 27.8 | 49.4 | 91.4 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.7
MAXIMUM DAILY, 214 ON DEC 25
MINIMUM DAILY, 27.8 ON OCT 16

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 12 300 km²

REGULATED SINCE 1918

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 438 000 | JUL | 85 800 |
| FEB | 429 000 | AUG | 81 900 |
| MAR | 419 000 | SEP | 74 800 |
| APR | 284 000 | OCT | 78 200 |
| MAY | 179 000 | NOV | 250 000 |
| JUN | 85 900 | DEC | 439 000 |

TOTAL DISCHARGE, 2 770 000 dam³

REMARKS - DISCHARGE OBTAINED BY TOTALLING DISCHARGES AT STATIONS 02DD016, 02DD017, 02DD020

## FRENCH RIVER AT PORTAGE DAM - STATION NO. 02DD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.08 | 38.6 | 45.0 | 3.17 | 24.4 | 1.69 | 2.00 | 1.67 | 1.25 | 0.990 | 0.822 | 0.723 | 1 |
| 2 | 3.08 | 38.4 | 44.9 | 1.62 | 24.3 | 1.71 | 2.00 | 1.66 | 1.24 | 0.942 | 0.822 | 0.714 | 2 |
| 3 | 3.08 | 37.6 | 44.9 | 1.62 | 24.4 | 1.72 | 2.00 | 1.62 | 1.24 | 0.986 | 0.822 | 0.714 | 3 |
| 4 | 3.08 | 37.6 | 54.4 | 1.62 | 24.4 | 1.72 | 2.00 | 1.62 | 1.23 | 0.966 | 0.810 | 0.714 | 4 |
| 5 | 3.08 | 37.6 | 64.9 | 1.62 | 24.3 | 1.74 | 2.00 | 1.57 | 1.21 | 0.942 | 0.810 | 0.714 | 5 |
| 6 | 3.08 | 37.4 | 64.5 | 1.62 | 24.2 | 1.74 | 2.00 | 1.52 | 1.21 | 0.954 | 0.810 | 0.714 | 6 |
| 7 | 3.04 | 37.3 | 63.9 | 2.90 | 24.2 | 1.76 | 2.00 | 1.49 | 1.21 | 0.954 | 0.810 | 0.714 | 7 |
| 8 | 3.04 | 37.2 | 63.3 | 2.99 | 24.2 | 1.76 | 2.00 | 1.45 | 1.21 | 0.942 | 0.810 | 0.714 | 8 |
| 9 | 3.04 | 37.1 | 63.3 | 1.61 | 24.2 | 1.76 | 2.00 | 1.45 | 1.19 | 0.930 | 0.810 | 0.714 | 9 |
| 10 | 3.04 | 37.4 | 63.0 | 8.83 | 24.1 | 1.78 | 2.00 | 1.45 | 1.18 | 0.930 | 0.810 | 0.714 | 10 |
| 11 | 3.04 | 36.7 | 62.9 | 20.2 | 24.1 | 1.78 | 2.00 | 1.45 | 1.18 | 0.930 | 0.810 | 0.714 | 11 |
| 12 | 2.99 | 36.9 | 62.1 | 20.2 | 24.1 | 1.78 | 2.00 | 1.45 | 1.16 | 0.930 | 0.810 | 0.714 | 12 |
| 13 | 2.97 | 48.2 | 63.8 | 20.4 | 24.1 | 1.79 | 2.03 | 1.33 | 1.16 | 0.930 | 0.798 | 0.714 | 13 |
| 14 | 2.99 | 47.9 | 65.4 | 21.1 | 24.1 | 1.81 | 2.05 | 1.33 | 1.16 | 0.930 | 0.786 | 9.76 | 14 |
| 15 | 2.99 | 47.9 | 64.0 | 21.1 | 23.9 | 1.86 | 2.05 | 1.33 | 1.16 | 0.930 | 0.786 | 26.7 | 15 |
| 16 | 2.99 | 47.8 | 63.4 | 21.2 | 24.0 | 1.84 | 2.05 | 1.33 | 1.16 | 0.906 | 0.786 | 27.3 | 16 |
| 17 | 2.99 | 47.7 | 62.5 | 21.2 | 24.1 | 1.86 | 2.05 | 1.37 | 1.16 | 0.906 | 0.786 | 34.7 | 17 |
| 18 | 2.99 | 47.6 | 62.4 | 21.2 | 24.0 | 1.78 | 2.05 | 1.37 | 1.13 | 0.906 | 0.774 | 43.7 | 18 |
| 19 | 2.98 | 47.4 | 61.8 | 21.4 | 24.1 | 1.88 | 2.08 | 1.33 | 1.09 | 0.906 | 0.774 | 43.7 | 19 |
| 20 | 2.98 | 47.2 | 61.1 | 21.5 | 24.0 | 1.89 | 2.08 | 1.34 | 1.07 | 0.906 | 0.774 | 43.7 | 20 |
| 21 | 3.01 | 47.1 | 61.5 | 21.5 | 10.3 | 1.88 | 2.00 | 1.34 | 1.06 | 0.906 | 0.774 | 52.5 | 21 |
| 22 | 2.98 | 46.8 | 61.1 | 22.7 | 1.88 | 1.88 | 1.95 | 1.34 | 1.06 | 0.906 | 0.774 | 62.0 | 22 |
| 23 | 2.98 | 46.9 | 27.5 | 23.6 | 1.88 | 1.88 | 1.89 | 1.34 | 1.05 | 0.894 | 0.762 | 65.4 | 23 |
| 24 | 2.98 | 46.7 | 15.3 | 23.7 | 1.88 | 1.93 | 1.88 | 1.34 | 1.03 | 0.870 | 0.762 | 69.1 | 24 |
| 25 | 2.98 | 46.5 | 15.4 | 23.6 | 1.88 | 1.91 | 1.89 | 1.34 | 1.03 | 0.858 | 0.732 | 89.1 | 25 |
| 26 | 2.98 | 45.4 | 15.5 | 23.6 | 1.88 | 1.93 | 1.89 | 1.31 | 1.03 | 0.858 | 0.732 | 88.9 | 26 |
| 27 | 2.98 | 45.4 | 15.4 | 23.5 | 1.89 | 2.00 | 1.88 | 1.30 | 1.01 | 0.870 | 0.732 | 88.2 | 27 |
| 28 | 17.6 | 45.2 | 17.0 | 24.0 | 1.89 | 2.00 | 1.86 | 1.30 | 1.01 | 0.858 | 0.714 | 87.8 | 28 |
| 29 | 34.8 | | 17.4 | 24.0 | 1.89 | 2.00 | 1.84 | 1.28 | 1.00 | 0.834 | 0.714 | 87.3 | 29 |
| 30 | 34.8 | | 10.5 | 24.2 | 1.89 | 2.00 | 1.79 | 1.28 | 0.990 | 0.822 | 0.714 | 86.4 | 30 |
| 31 | 34.7 | | 4.80 | | 1.89 | | 1.78 | 1.25 | | 0.822 | | 86.1 | 31 |
| TOTAL | 215.34 | 1 186.5 | 1 413.90 | 471.80 | 510.40 | 55.12 | 61.08 | 43.55 | 33.870 | 28.194 | 23.430 | 961.851 | TOTAL |
| MEAN | 6.95 | 42.3 | 45.6 | 15.7 | 16.5 | 1.84 | 1.97 | 1.40 | 1.13 | 0.909 | 0.781 | 31.0 | MEAN |
| MAX | 38.8 | 48.2 | 65.4 | 24.2 | 24.4 | 2.00 | 2.08 | 1.67 | 1.25 | 0.990 | 0.822 | 89.1 | MAX |
| MIN | 2.95 | 36.7 | 4.80 | 1.61 | 1.89 | 1.69 | 1.78 | 1.25 | 0.990 | 0.822 | 0.714 | 0.714 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 13.7
MAXIMUM DAILY 89.1 ON DEC 24
MINIMUM DAILY 0.714 ON NOV 28

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 22 N
LONG 80 00 48 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 18 800 | JUL | 5 280 |
| FEB | 104 000 | AUG | 3 760 |
| MAR | 122 000 | SEP | 2 930 |
| APR | 40 700 | OCT | 2 440 |
| MAY | 44 100 | NOV | 2 020 |
| JUN | 4 780 | DEC | 83 100 |

REGULATED SINCE 1949

TOTAL DISCHARGE 434 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD017 AND 02DD020, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

## GANARASKA RIVER ABOVE DALE - STATION NO. 02HD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.01 | 2.288 | 13.08 | 6.84 | 2.85 | 2.58 | 1.98 | 1.66 | 2.28 | 2.71 | 2.37 | 5.14 | 1 |
| 2 | 2.948 | 2.308 | 24.08 | 8.42 | 2.89 | 2.62 | 1.96 | 1.93 | 2.02 | 2.35 | 2.40 | 3.80 | 2 |
| 3 | 2.728 | 2.728 | 16.58 | 8.36 | 2.56 | 2.38 | 2.16 | 2.36 | 1.89 | 2.34 | 2.48 | 3.27 | 3 |
| 4 | 2.588 | 2.348 | 11.58 | 12.4 | 2.52 | 2.22 | 2.43 | 1.97 | 1.84 | 2.20 | 3.00 | 3.148 | 4 |
| 5 | 2.738 | 2.288 | 9.018 | 20.8 | 2.81 | 2.11 | 2.11 | 1.86 | 1.79 | 2.22 | 2.62 | 2.86 | 5 |
| 6 | 2.798 | 2.258 | 8.868 | 9.85 | 2.46 | 2.18 | 1.96 | 1.79 | 1.83 | 2.08 | 2.33 | 2.598 | 6 |
| 7 | 2.818 | 2.298 | 12.38 | 6.66 | 2.41 | 2.34 | 2.00 | 1.81 | 1.84 | 2.53 | 2.28 | 2.498 | 7 |
| 8 | 2.618 | 2.608 | 16.28 | 4.78 | 2.32 | 3.13 | 2.16 | 1.94 | 2.62 | 3.59 | 3.29 | 2.658 | 8 |
| 9 | 2.51 | 2.358 | 9.308 | 4.13 | 2.31 | 2.69 | 2.62 | 2.24 | 3.82 | 2.50 | 4.77 | 3.29 | 9 |
| 10 | 2.62 | 2.318 | 4.638 | 3.90 | 2.26 | 2.23 | 2.11 | 2.81 | 2.29 | 2.28 | 3.12 | 3.81 | 10 |
| 11 | 2.65 | 2.278 | 3.655 | 3.61 | 2.30 | 2.21 | 2.12 | 2.28 | 2.14 | 2.12 | 2.83 | 3.29 | 11 |
| 12 | 2.62 | 2.258 | 3.518 | 3.56 | 2.35 | 2.83 | 1.94 | 1.98 | 2.33 | 2.10 | 2.54 | 3.90 | 12 |
| 13 | 2.58 | 2.248 | 3.368 | 4.31 | 2.30 | 5.91 | 1.88 | 1.86 | 2.18 | 2.18 | 2.53 | 3.43 | 13 |
| 14 | 2.58 | 2.238 | 3.268 | 3.86 | 2.26 | 3.11 | 2.42 | 1.88 | 2.42 | 2.09 | 2.47 | 3.20 | 14 |
| 15 | 2.80 | 2.228 | 3.388 | 3.52 | 2.77 | 2.40 | 2.37 | 1.84 | 2.05 | 2.08 | 2.38 | 3.39 | 15 |
| 16 | 2.858 | 2.218 | 3.568 | 3.46 | 2.38 | 2.10 | 1.98 | 1.84 | 2.00 | 2.07 | 2.44 | 5.87 | 16 |
| 17 | 2.678 | 2.208 | 3.84 | 3.24 | 2.26 | 2.01 | 1.91 | 1.86 | 1.98 | 2.13 | 2.48 | 4.09 | 17 |
| 18 | 2.508 | 2.208 | 4.34 | 3.18 | 2.19 | 1.99 | 1.84 | 1.87 | 2.57 | 2.78 | 3.48 | 3.268 | 18 |
| 19 | 2.458 | 2.208 | 4.99 | 3.05 | 2.23 | 1.98 | 1.91 | 1.81 | 2.60 | 2.34 | 2.86 | 3.13 | 19 |
| 20 | 2.438 | 2.208 | 5.17 | 3.00 | 2.24 | 1.88 | 2.44 | 1.80 | 2.91 | 2.22 | 2.428 | 7.75 | 20 |
| 21 | 2.408 | 2.208 | 5.14 | 2.90 | 2.22 | 1.86 | 2.13 | 1.78 | 3.39 | 2.16 | 1.888 | 9.15 | 21 |
| 22 | 2.388 | 2.218 | 6.01 | 2.78 | 2.58 | 2.04 | 1.84 | 1.86 | 3.09 | 2.25 | 2.248 | 4.88 | 22 |
| 23 | 2.358 | 2.448 | 6.06 | 2.80 | 2.50 | 2.19 | 1.72 | 1.75 | 2.31 | 4.35 | 2.51 | 4.09 | 23 |
| 24 | 2.348 | 2.228 | 5.80 | 2.82 | 2.35 | 3.01 | 1.69 | 1.70 | 2.14 | 3.13 | 2.47 | 3.73 | 24 |
| 25 | 2.338 | 2.198 | 5.63 | 2.87 | 2.32 | 1.84 | 1.71 | 1.74 | 2.08 | 3.49 | 3.03 | 6.34 | 25 |
| 26 | 2.318 | 2.198 | 6.98 | 2.89 | 2.37 | 2.58 | 1.81 | 1.78 | 2.03 | 2.70 | 4.48 | 5.32 | 26 |
| 27 | 2.308 | 2.258 | 5.58 | 3.74 | 2.46 | 2.54 | 1.87 | 1.78 | 1.98 | 2.73 | 3.20 | 3.608 | 27 |
| 28 | 2.288 | 4.298 | 4.82 | 3.73 | 4.85 | 2.18 | 1.82 | 1.75 | 2.33 | 3.06 | 2.85 | 2.808 | 28 |
| 29 | 2.268 | | 4.44 | 3.33 | 4.33 | 2.11 | 1.65 | 2.09 | 2.21 | 2.61 | 13.7 | 2.508 | 29 |
| 30 | 2.288 | | 9.67 | 3.93 | 2.81 | 2.07 | 1.86 | 1.94 | 2.25 | 2.57 | 9.82 | 2.408 | 30 |
| 31 | 2.288 | | 12.4 | | 3.38 | | 1.82 | 2.05 | | 2.51 | | 2.338 | 31 |
| TOTAL | 78.78 | 65.78 | 236.33 | 150.11 | 79.37 | 72.30 | 61.86 | 59.61 | 69.18 | 78.44 | 101.18 | 121.18 | TOTAL |
| MEAN | 2.54 | 2.35 | 7.62 | 5.00 | 2.56 | 2.41 | 2.00 | 1.92 | 2.31 | 2.53 | 3.37 | 3.91 | MEAN |
| MAX | 3.01 | 4.30 | 24.0 | 20.8 | 4.85 | 5.91 | 2.62 | 2.81 | 3.82 | 4.35 | 13.7 | 9.15 | MAX |
| MIN | 2.28 | 2.19 | 3.26 | 2.67 | 2.19 | 1.84 | 1.82 | 1.86 | 1.79 | 2.08 | 1.86 | 2.33 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.22
MAXIMUM DAILY 24.08 ON MAR 2
MINIMUM DAILY 1.62 ON JUL 28
MAXIMUM INSTANTANEOUS
32.7 AT 01 30 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 26 N
LONG 78 19 43 W
DRAINAGE AREA 232 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 810 | JUL | 5 340 |
| FEB | 5 680 | AUG | 5 150 |
| MAR | 20 400 | SEP | 5 880 |
| APR | 13 000 | OCT | 6 780 |
| MAY | 6 860 | NOV | 8 740 |
| JUN | 6 260 | DEC | 10 586 |

TOTAL DISCHARGE 101 000 dam³

## GANARASKA RIVER NEAR OSACA - STATION NO. 02HD003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.28 | 0.798 B | 3.508 | 1.92 | 1.04 | 1.04 | 0.703 | 0.610 | 0.824 | 1.02 | 0.879 | 1.8- | 1 |
| 2 | 1.23 | 0.798 B | 5.608 | 2.30 | 0.985 | 0.898 | 0.705 | 0.741 | 0.728 | 0.921 | 0.856 | 1.33 | 2 |
| 3 | 1.18 B | 1.00 B | 3.508 | 2.31 | 0.988 | 0.841 | 0.787 | 0.824 | 0.695 | 0.891 | 0.964 | 1.19 | 3 |
| 4 | 1.17 B | 0.820B | 2.208 | 3.71 | 0.942 | 0.787 | 0.899 | 0.698 | 0.686 | 0.810 | 1.02 | 1.12 | 4 |
| 5 | 1.23 B | 0.790B | 1.358 | 5.11 | 0.941 | 0.771 | 0.735 | 0.653 | 0.692 | 0.787 | 0.936 | 1.02 | 5 |
| 6 | 1.25 B | 0.780B | 1.208 | 2.95 | 0.941 | 0.773 | 0.702 | 0.645 | 0.684 | 0.783 | 0.870 | 0.975 | 6 |
| 7 | 1.14 | 0.775B | 1.738 | 2.15 | 0.863 | 0.979 | 0.716 | 0.637 | 0.691 | 1.06 | 0.862 | 0.958B | 7 |
| 8 | 1.06 | 0.840B | 3.47 | 1.71 | 0.870 | 1.26 | 0.846 | 0.727 | 1.21 | 1.36 | 1.45 | 0.927 | 8 |
| 9 | 1.05 | 0.850B | 2.758 | 1.58 | 0.862 | 0.864 | 1.08 | 0.838 | 1.48 | 0.919 | 1.53 | 1.24 | 9 |
| 10 | 1.06 | 0.800B | 1.808 | 1.45 | 0.870 | 0.838 | 0.761 | 0.867 | 0.832 | 0.889 | 1.08 | 1.40 | 10 |
| 11 | 1.10 | 0.781B | 1.798 | 1.35 | 0.890 | 0.786 | 0.808 | 0.740 | 0.773 | 0.828 | 0.930 | 1.18 | 11 |
| 12 | 1.08 | 0.750B | 1.588 | 1.40 | 0.889 | 1.28 | 0.714 | 0.888 | 0.790 | 0.803 | 0.938 | 1.28 | 12 |
| 13 | 1.06 | 0.745B | 1.308 | 1.84 | 0.832 | 2.23 | 0.885 | 0.887 | 0.788 | 0.788 | 0.934 | 1.18 | 13 |
| 14 | 1.05 | 0.738B | 1.248 | 1.34 | 0.886 | 1.02 | 0.905 | 0.858 | 1.06 | 0.773 | 0.918 | 1.07 | 14 |
| 15 | 1.21 | 0.736B | 1.188 | 1.32 | 1.11 | 0.846 | 0.809 | 0.848 | 0.771 | 0.787 | 0.880 | 1.21 | 15 |
| 16 | 1.13 B | 0.725B | 1.31 | 1.26 | 0.888 | 0.778 | 0.709 | 0.854 | 0.756 | 0.786 | 0.883 | 1.93 | 16 |
| 17 | 1.05 B | 0.723B | 1.35 | 1.18 | 0.830 | 0.736 | 0.687 | 0.893 | 0.776 | 0.854 | 0.869 | 1.33 | 17 |
| 18 | 1.03 B | 0.720B | 1.82 | 1.16 | 0.848 | 0.733 | 0.876 | 0.726 | 1.06 | 1.18 | 1.41 | 1.10 B | 18 |
| 19 | 0.950B | 0.718B | 1.84 | 1.14 | 0.838 | 0.737 | 0.878 | 0.850 | 0.861 | 0.868 | 1.02 | 1.04 | 19 |
| 20 | 0.850B | 0.718B | 1.86 | 1.10 | 0.830 | 0.718 | 0.829 | 0.837 | 1.21 | 0.841 | 0.933 | 2.42 | 20 |
| 21 | 0.920B | 0.715B | 1.86 | 1.07 | 0.824 | 0.716 | 0.700 | 0.835 | 1.25 | 0.825 | 0.880B | 2.64 | 21 |
| 22 | 0.880B | 0.714B | 2.22 | 1.00 | 0.950 | 0.846 | 0.820 | 0.863 | 1.03 | 0.820 | 0.862B | 1.55 | 22 |
| 23 | 0.870B | 0.710B | 2.22 | 1.04 | 0.908 | 0.842 | 0.820 | 0.832 | 0.846 | 2.10 | 0.913 | 1.33 | 23 |
| 24 | 0.860B | 0.710B | 2.08 | 1.02 | 0.860 | 0.730 | 0.813 | 0.820 | 0.773 | 1.18 | 0.923 | 1.22 | 24 |
| 25 | 0.845B | 0.710B | 2.08 | 0.976 | 0.862 | 0.802 | 0.851 | 0.828 | 0.749 | 1.60 | 1.12 | 2.24 | 25 |
| 26 | 0.840B | 0.710B | 2.47 | 0.885 | 0.857 | 0.868 | 0.868 | 0.837 | 0.728 | 1.01 | 1.48 | 1.78 | 26 |
| 27 | 0.830B | 0.710B | 1.81 | 1.07 | 0.908 | 0.831 | 0.886 | 0.838 | 0.736 | 1.10 | 1.06 | 1.25 | 27 |
| 28 | 0.825B | 0.710B | 1.73 | 1.43 | 1.20 | 0.788 | 0.871 | 0.857 | 0.881 | 1.17 | 0.998 | 1.11 | 28 |
| 29 | 0.815B | | 1.83 | 1.25 | 1.23 | 0.783 | 0.886 | 0.788 | 0.783 | 0.936 | 3.81 | 1.02 B | 29 |
| 30 | 0.810B | | 3.04 | 1.17 | 0.862 | 0.723 | 0.897 | 0.700 | 0.815 | 0.867 | 3.08 | 0.900B | 30 |
| 31 | 0.800B | | 2.74 | | 0.837 | | 0.820 | 0.817 | | 0.815 | | 0.850B | 31 |
| TOTAL | 31.625 | 21.486 | 69.16 | 48.125 | 26.900 | 26.768 | 22.194 | 21.618 | 28.108 | 30.278 | 35.756 | 41.540 | TOTAL |
| MEAN | 1.02 | 0.767 | 2.13 | 1.54 | 0.919 | 0.892 | 0.716 | 0.897 | 0.870 | 0.877 | 1.19 | 1.34 | MEAN |
| MAX | 1.28 | 1.00 | 5.60 | 5.11 | 1.23 | 2.23 | 1.08 | 0.967 | 1.48 | 2.10 | 3.81 | 2.64 | MAX |
| MIN | 0.800 | 0.710 | 1.18 | 0.976 | 0.824 | 0.892 | 0.555 | 0.610 | 0.684 | 0.787 | 0.856 | 0.850 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.10
MAXIMUM DAILY 5.608 ON MAR 2
MINIMUM DAILY 0.555 ON JUL 29
MAXIMUM INSTANTANEOUS
8.22 AT 23:00 EST ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 00 56 N
LONG 78 26 17 W
DRAINAGE AREA 87.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 730 | JUL | 1 920 |
| FEB | 1 880 | AUG | 1 870 |
| MAR | 5 730 | SEP | 2 260 |
| APR | 4 240 | OCT | 2 620 |
| MAY | 2 480 | NOV | 3 080 |
| JUN | 2 310 | DEC | 3 590 |

TOTAL DISCHARGE 34 700 dam³

## GOULAIS RIVER NEAR SEARCHMONT - STATION NO. 02BF002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.308 | 4.708 | 4.258 | 24.08 | 18.6 | 17.7 | 6.11 | 2.95 | 6.44 | 3.83 | 13.8 | 17.88 | 1 |
| 2 | 7.208 | 4.558 | 4.258 | 22.08 | 17.0 | 16.8 | 5.72 | 3.32 | 6.63 | 14.8 | 12.9 | 17.68 | 2 |
| 3 | 7.108 | 4.508 | 4.258 | 20.08 | 15.7 | 15.4 | 5.44 | 3.38 | 5.59 | 15.2 | 12.7 | 16.28 | 3 |
| 4 | 7.008 | 4.558 | 4.258 | 19.58 | 14.4 | 14.0 | 5.13 | 3.43 | 4.87 | 11.6 | 15.2 | 15.58 | 4 |
| 5 | 6.908 | 4.508 | 4.258 | 19.08 | 13.3 | 12.8 | 4.70 | 2.96 | 4.38 | 9.86 | 17.2 | 14.88 | 5 |
| 6 | 6.808 | 4.508 | 4.258 | 20.58 | 12.3 | 11.6 | 4.40 | 2.81 | 4.08 | 8.70 | 16.5 | 14.18 | 6 |
| 7 | 6.758 | 4.508 | 4.258 | 25.4 | 11.8 | 10.8 | 4.18 | 2.42 | 3.87 | 8.49 | 15.3 | 14.08 | 7 |
| 8 | 6.658 | 4.458 | 4.258 | 27.4 | 10.9 | 10.1 | 3.94 | 2.26 | 3.58 | 8.19 | 14.4 | 13.68 | 8 |
| 9 | 6.558 | 4.458 | 4.258 | 30.5 | 10.1 | 9.44 | 3.83 | 2.19 | 3.48 | 8.58 | 13.4 | 13.78 | 9 |
| 10 | 6.408 | 4.408 | 4.258 | 37.2 | 9.64 | 8.82 | 3.98 | 2.20 | 3.32 | 10.0 | 12.3 | 14.9 | 10 |
| 11 | 6.308 | 4.408 | 4.218 | 46.3 | 9.21 | 8.91 | 3.94 | 2.08 | 3.18 | 9.64 | 12.0 | 20.2 | 11 |
| 12 | 6.208 | 4.408 | 4.308 | 51.1 | 8.70 | 10.4 | 3.87 | 1.96 | 3.17 | 8.98 | 11.6 | 20.2 | 12 |
| 13 | 6.008 | 4.358 | 4.308 | 48.6 | 8.22 | 10.3 | 5.18 | 1.85 | 3.40 | 8.31 | 11.3 | 19.3 | 13 |
| 14 | 5.908 | 4.358 | 4.358 | 47.7 | 7.94 | 15.1 | 4.61 | 1.86 | 3.14 | 7.82 | 11.2 | 18.6 | 14 |
| 15 | 5.808 | 4.358 | 4.408 | 50.2 | 7.88 | 12.4 | 3.84 | 1.95 | 2.93 | 7.46 | 10.9 | 18.08 | 15 |
| 16 | 5.708 | 4.308 | 4.508 | 50.9 | 7.81 | 10.3 | 3.39 | 2.49 | 2.84 | 7.83 | 10.6 | 17.28 | 16 |
| 17 | 5.608 | 4.308 | 4.608 | 48.1 | 11.7 | 8.85 | 3.21 | 3.59 | 3.72 | 15.3 | 14.6 | 16.88 | 17 |
| 18 | 5.508 | 4.308 | 4.658 | 44.3 | 16.5 | 8.05 | 3.70 | 3.32 | 2.94 | 28.6 | 21.8 | 16.28 | 18 |
| 19 | 5.458 | 4.308 | 4.408 | 38.9 | 17.4 | 7.38 | 4.88 | 3.55 | 2.80 | 25.1 | 22.3 | 15.68 | 19 |
| 20 | 5.408 | 4.308 | 5.008 | 36.3 | 16.4 | 6.74 | 4.72 | 4.13 | 3.89 | 22.0 | 20.8 | 15.18 | 20 |
| 21 | 5.308 | 4.308 | 5.358 | 34.2 | 15.4 | 6.22 | 4.71 | 3.99 | 3.95 | 19.6 | 19.3 | 14.78 | 21 |
| 22 | 5.208 | 4.258 | 6.058 | 31.9 | 14.9 | 5.84 | 5.31 | 9.46 | 3.71 | 18.0 | 18.9 | 14.28 | 22 |
| 23 | 5.158 | 4.258 | 7.608 | 30.7 | 22.6 | 5.38 | 4.86 | 8.03 | 3.29 | 16.9 | 17.9 | 13.78 | 23 |
| 24 | 5.108 | 4.258 | 9.708 | 28.3 | 25.0 | 4.92 | 4.20 | 5.93 | 3.05 | 15.4 | 18.5 | 13.28 | 24 |
| 25 | 5.008 | 4.258 | 14.0 B | 27.1 | 24.5 | 6.11 | 3.90 | 4.77 | 2.84 | 14.5 | 18.5 | 12.88 | 25 |
| 26 | 5.008 | 4.258 | 20.0 B | 26.2 | 24.9 | 10.4 | 3.64 | 4.16 | 2.70 | 13.8 | 17.4 | 12.58 | 26 |
| 27 | 4.958 | 4.258 | 29.0 B | 24.0 | 26.0 | 9.09 | 3.21 | 3.76 | 2.69 | 17.3 | 16.28 | 12.28 | 27 |
| 28 | 4.908 | 4.258 | 28.5 B | 23.1 | 25.1 | 8.04 | 2.97 | 3.46 | 2.65 | 18.4 | 15.08 | 11.88 | 28 |
| 29 | 4.808 | | 28.5 B | 21.8 | 23.4 | 7.31 | 2.84 | 3.36 | 2.66 | 17.2 | 14.8 | 11.48 | 29 |
| 30 | 4.758 | | 28.0 B | 20.2 | 21.3 | 6.62 | 2.85 | 6.52 | 2.73 | 15.5 | 17.3 | 11.28 | 30 |
| 31 | 4.708 | | 26.5 B | | 19.4 | | 2.65 | 11.1 | | 14.8 | | 10.88 | 31 |
| TOTAL | 181.35 | 122.74 | 289.81 | 977.4 | 481.88 | 295.40 | 137.36 | 118.85 | 106.96 | 421.48 | 485.6 | 472.3 | TOTAL |
| MEAN | 5.85 | 4.38 | 9.35 | 32.6 | 15.5 | 9.85 | 4.43 | 3.83 | 3.63 | 13.6 | 15.5 | 15.2 | MEAN |
| MAX | 7.30 | 4.70 | 28.0 | 51.1 | 26.0 | 17.7 | 6.72 | 11.1 | 6.44 | 28.6 | 22.3 | 20.2 | MAX |
| MIN | 4.70 | 4.25 | 4.21 | 19.0 | 7.88 | 4.92 | 2.65 | 1.85 | 2.54 | 3.83 | 10.8 | 10.8 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 11.2
MAXIMUM DAILY 51.1 ON APR 12
MINIMUM DAILY 1.85 ON AUG 13
MAXIMUM INSTANTANEOUS
62.3 AT 06:15 EST ON APR 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 37 N
LONG 83 58 18 W
DRAINAGE AREA 1 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 15 700 | JUL | 11 900 |
| FEB | 10 600 | AUG | 10 300 |
| MAR | 25 000 | SEP | 9 410 |
| APR | 84 400 | OCT | 36 400 |
| MAY | 42 500 | NOV | 40 200 |
| JUN | 25 500 | DEC | 40 800 |

TOTAL DISCHARGE 353 000 dam³

## GRAHAM CREEK AT NEPEAN - STATION NO. 02KF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.107 | 0.936 | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.131 | 0.867 | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.126 | 0.565 | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.115 | 0.471 | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.151 | 0.387 | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.124 | 0.315 | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.139A | 0.126 | 0.2498 | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.143 | 0.147 | 0.279 | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.104 | 0.209 | 0.342 | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.103 | 0.184 | 0.811 | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.096 | 0.169 | 0.945 | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.084 | 0.146 | 0.724 | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.078 | 0.144 | 0.579 | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.077 | 0.124 | 0.534 | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.078 | 0.118 | 0.501 | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.075 | 0.117 | 0.421 | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.076 | 0.145 | 0.358 | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.081 | 0.338 | 0.306A | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.084 | 0.248 | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.118 | 0.216 | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.089 | 0.1828 | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.072 | 0.1518 | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.107 | 0.145 | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.140 | 0.153 | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.148 | 0.141 | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.113 | 0.154 | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.115 | 0.159 | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.125 | 0.1449 | --- | 28 |
| 29 | --- | | --- | --- | --- | --- | --- | --- | --- | 0.107 | 0.804 | --- | 29 |
| 30 | --- | | --- | --- | --- | --- | --- | --- | --- | 0.135 | 1.18 | --- | 30 |
| 31 | --- | | --- | | --- | | --- | --- | | 0.114 | | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 5.080 | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.203 | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.18 | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.107 | --- | MIN |

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 33 N
LONG 75 48 30 W
DRAINAGE AREA, 26.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | --- |
| FEB | --- | AUG | --- |
| MAR | --- | SEP | --- |
| APR | --- | OCT | --- |
| MAY | --- | NOV | 535 |
| JUN | --- | DEC | --- |

REMARKS - STATION ACTIVATED OCT 07 1987

## GRAND RIVER AT BRANTFORD - STATION NO. 02GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 64.8 | 43.08 | 37.5 | 265 | 42.8 | 31.1 | 23.5 | 23.2 | 27.3 | 27.0 | 42.4 | 156 | 1 |
| 2 | 63.4 | 41.58 | 57.2 | 220 | 41.5 | 31.6 | 23.8 | 27.2 | 24.4 | 25.5 | 36.8 | 126 | 2 |
| 3 | 61.3 | 40.38 | 59.8 | 189 | 40.0 | 33.6 | 25.5 | 84.9 | 23.7 | 26.8 | 36.6 | 99.0 | 3 |
| 4 | 52.5 | 39.78 | 80.4 | 170 | 39.3 | 29.0 | 59.1 | 58.7 | 22.3 | 25.3 | 36.1 | 82.0 | 4 |
| 5 | 52.6 | 38.88 | 63.7 | 211 | 38.5 | 26.5 | 41.7 | 50.2 | 21.8 | 24.6 | 33.6 | 89.4 | 5 |
| 6 | 54.7 | 38.08 | 59.3 | 499 | 37.2 | 25.3 | 34.0 | 37.1 | 21.8 | 25.5 | 33.8 | 81.8 | 6 |
| 7 | 60.3 | 37.48 | 68.7 | 473 | 36.7 | 27.3 | 32.8 | 30.9 | 21.5 | 27.0 | 33.9 | 88.5 | 7 |
| 8 | 56.1 | 36.98 | 130 | 307 | 35.4 | 28.8 | 52.7 | 51.0 | 22.3 | 30.3 | 33.8 | 94.5 | 8 |
| 9 | 54.7 | 36.28 | 238 | 190 | 35.4 | 28.3 | 68.3 | 50.1 | 22.2 | 28.7 | 38.4 | 97.3 | 9 |
| 10 | 55.7 | 40.08 | 201 | 128 | 34.0 | 26.6 | 65.5 | 68.4 | 21.9 | 28.3 | 51.5 | 76.7 | 10 |
| 11 | 53.2 | 42.08 | 167 | 98.9 | 34.1 | 25.8 | 63.1 | 56.3 | 24.3 | 26.5 | 51.9 | 94.8 | 11 |
| 12 | 52.9 | 40.08 | 133 | 79.7 | 34.2 | 26.9 | 46.9 | 45.5 | 31.8 | 25.8 | 42.4 | 82.9 | 12 |
| 13 | 52.5 | 36.08 | 98.2 | 80.2 | 32.4 | 26.7 | 36.6 | 37.1 | 31.4 | 25.7 | 37.9 | 101 | 13 |
| 14 | 52.1 | 34.08 | 81.1 | 69.0 | 32.2 | 25.3 | 37.2 | 33.0 | 28.4 | 25.8 | 36.8 | 91.5 | 14 |
| 15 | 55.3 | 33.68 | 68.0 | 62.6 | 30.4 | 23.9 | 40.4 | 29.8 | 27.1 | 25.8 | 34.1 | 89.1 | 15 |
| 16 | 52.5 | 33.28 | 64.7 | 75.3 | 40.2 | 23.0 | 35.7 | 26.8 | 26.8 | 24.3 | 31.8 | 92.6 | 16 |
| 17 | 52.0 | 33.08 | 64.6 | 70.3 | 35.2 | 22.1 | 31.5 | 25.9 | 28.5 | 25.3 | 31.9 | 86.0 | 17 |
| 18 | 50.1 | 32.88 | 65.2 | 66.6 | 34.0 | 72.7 | 29.0 | 26.4 | 38.2 | 27.4 | 32.6 | 75.0 | 18 |
| 19 | 54.4 | 32.28 | 71.9 | 62.2 | 38.9 | 22.7 | 27.0 | 28.6 | 37.9 | 26.0 | 32.6 | 74.6 | 19 |
| 20 | 38.7 | 31.88 | 96.6 | 57.7 | 34.1 | 22.6 | 37.2 | 24.9 | 33.5 | 26.1 | 32.5 | 86.3 | 20 |
| 21 | 41.58 | 31.58 | 131 | 54.2 | 34.5 | 22.1 | 54.6 | 23.4 | 34.8 | 27.2 | 29.5 | 165 | 21 |
| 22 | 43.08 | 31.28 | 159 | 50.3 | 34.1 | 37.1 | 47.2 | 23.3 | 37.5 | 26.0 | 27.5 | 205 | 22 |
| 23 | 41.58 | 30.68 | 191 | 49.4 | 33.4 | 59.6 | 37.1 | 22.7 | 34.7 | 32.3 | 30.3 | 194 | 23 |
| 24 | 38.08 | 30.78 | 208 | 49.6 | 32.1 | 42.7 | 29.3 | 22.1 | 30.8 | 34.8 | 30.9 | 120 | 24 |
| 25 | 46.08 | 30.2 | 203 | 47.2 | 33.4 | 36.0 | 52.8 | 22.1 | 28.3 | 44.2 | 38.2 | 122 | 25 |
| 26 | 45.58 | 30.2 | 232 | 44.6 | 32.1 | 32.7 | 46.3 | 22.9 | 26.9 | 48.1 | 122 | 188 | 26 |
| 27 | 50.38 | 31.0 | 274 | 42.5 | 30.8 | 28.9 | 38.5 | 25.0 | 25.0 | 52.2 | 140 | 196 | 27 |
| 28 | 49.88 | 30.2 | 223 | 45.5 | 30.1 | 26.9 | 32.7 | 25.2 | 25.0 | 82.5 | 118 | 135 | 28 |
| 29 | 47.88 | | 148 | 46.0 | 28.8 | 25.3 | 28.0 | 24.2 | 26.0 | 63.0 | 94.5 | 90.6 | 29 |
| 30 | 46.08 | | 123 | 44.7 | 26.9 | 24.5 | 24.9 | 23.8 | 25.9 | 55.0 | 137 | 69.1 | 30 |
| 31 | 44.58 | | 246 | | 34.5 | | 26.3 | 24.4 | | 48.8 | | 72.9 | 31 |
| TOTAL | 1 615.5 | 986.3 | 4 027.0 | 3 888.5 | 1 083.2 | 885.4 | 1 227.2 | 1 071.3 | 838.6 | 1 020.1 | 1 532.9 | 3 262.9 | TOTAL |
| MEAN | 52.1 | 35.2 | 130 | 130 | 34.9 | 29.8 | 39.6 | 34.6 | 27.8 | 32.9 | 51.1 | 105 | MEAN |
| MAX | 64.8 | 43.0 | 274 | 499 | 42.8 | 59.6 | 68.3 | 84.9 | 37.9 | 82.0 | 140 | 205 | MAX |
| MIN | 38.0 | 30.2 | 37.6 | 42.5 | 26.9 | 22.1 | 23.5 | 22.1 | 21.5 | 24.3 | 37.5 | 84.5 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 58.7
MAXIMUM DAILY, 499 ON APR 6
MINIMUM DAILY, 21.5 ON SEP 7
MAXIMUM INSTANTANEOUS,
587 AT 20 37 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 58 N
LONG 80 16 01 W
DRAINAGE AREA, 5 210 km²

B - ICE CONDITIONS

REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 140 000 | JUL | 108 000 |
| FEB | 85 200 | AUG | 92 500 |
| MAR | 348 000 | SEP | 71 800 |
| APR | 337 000 | OCT | 88 100 |
| MAY | 93 500 | NOV | 132 000 |
| JUN | 76 500 | DEC | 281 000 |

TOTAL DISCHARGE 1 480 000 dam³

## GRAND RIVER AT GALT - STATION NO. 02GA003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 34.2 | 24.1 | 21.4 | 186 | 19.7 | 16.1 | 16.2 | 16.0 | 17.5 | 17.0E | 21.0E | 55.1 | 1 |
| 2 | 34.2 | 24.5 | 26.5 | 151 | 19.0 | 16.2 | 16.3 | 46.4 | 17.4 | 17.0E | 18.6A | 77.6 | 2 |
| 3 | 32.2 | 24.7 | 28.5 | 133 | 18.5 | 17.6 | 29.3 | 55.1 | 16.7 | 16.8E | 19.3 | 59.2 | 3 |
| 4 | 26.0B | 23.9 | 26.2 | 118 | 18.4 | 16.0 | 27.8 | 29.2 | 16.4 | 16.7E | 18.6 | 47.6 | 4 |
| 5 | 30.0B | 21.6 | 27.4 | 174 | 18.2 | 15.4 | 20.0 | 22.4 | 16.2 | 17.0E | 18.6 | 39.2 | 5 |
| 6 | 31.0B | 21.5 | 27.3 | 430 | 17.8 | 15.7 | 20.1 | 19.5 | 16.2 | 18.0E | 18.5 | 34.9 | 6 |
| 7 | 34.6 | 22.0 | 37.1 | 343 | 17.5 | 16.9 | 20.8 | 28.8 | 16.8 | 18.8E | 18.7 | 32.7 | 7 |
| 8 | 31.2 | 21.6 | 81.2 | 228 | 17.3 | 17.2 | 52.3 | 33.1 | 16.7 | 16.0E | 18.9 | 31.4 | 8 |
| 9 | 31.3 | 19.3 | 127 | 113 | 17.6 | 16.7 | 44.1 | 41.3 | 16.6 | 17.9E | 24.1 | 37.0 | 9 |
| 10 | 30.8 | 21.8 | 81.5 | 76.7 | 17.2 | 16.4 | 33.1 | 41.1 | 17.6 | 17.6E | 27.9 | 54.2 | 10 |
| 11 | 30.8 | 21.2 | 78.0 | 54.3 | 16.2 | 16.2 | 25.1 | 28.0 | 19.9A | 17.7E | 22.2 | 51.0 | 11 |
| 12 | 30.2 | 20.7 | 60.7 | 45.6 | 17.7 | 17.3 | 21.0 | 22.4 | 21.1E | 17.6E | 20.2 | 86.1 | 12 |
| 13 | 30.5 | 20.5 | 48.8 | 52.3 | 17.2 | 16.4 | 19.0 | 19.9 | 20.0E | 17.6E | 18.8 | 71.1 | 13 |
| 14 | 29.2 | 18.5 | 39.4 | 47.2 | 17.7 | 15.8 | 23.9 | 19.2 | 18.2E | 17.8E | 18.3 | 58.1 | 14 |
| 15 | 33.6 | 17.5 | 33.8 | 43.9 | 22.0 | 16.6 | 23.1 | 18.0 | 18.5E | 17.8E | 18.8 | 57.2 | 15 |
| 16 | 35.8 | 17.4 | 32.7 | 40.1 | 20.1 | 16.4 | 20.2 | 17.4 | 18.2E | 17.6E | 17.8 | 55.4 | 16 |
| 17 | 31.9B | 16.8 | 32.7 | 37.5 | 18.0 | 15.2 | 18.5 | 17.9 | 20.2E | 17.7E | 18.0 | 45.5 | 17 |
| 18 | 28.5B | 16.0 | 33.5 | 34.7 | 18.0 | 15.8 | 17.6 | 17.5 | 21.6E | 17.8E | 18.5 | 40.7 | 18 |
| 19 | 26.0B | 16.1 | 41.0 | 31.8 | 17.8 | 16.1 | 17.9 | 17.8 | 19.0E | 17.8E | 18.7 | 44.4 | 19 |
| 20 | 19.0B | 17.7 | 58.8 | 28.1 | 17.8 | 16.0 | 28.7 | 17.3 | 20.0E | 18.0E | 17.4 | 63.0 | 20 |
| 21 | 21.0B | 17.5 | 75.1 | 25.5 | 17.7 | 16.0 | 38.4 | 16.8 | 21.1E | 19.2E | 16.2 | 163 | 21 |
| 22 | 23.0B | 16.9 | 69.7 | 23.8 | 17.6 | 35.6 | 25.1 | 16.7 | 20.0E | 20.4E | 16.5 | 89.2 | 22 |
| 23 | 30.5B | 17.1 | 109 | 22.9 | 17.4 | 34.9 | 18.7 | 16.7 | 19.0E | 22.0E | 16.3 | 76.5 | 23 |
| 24 | 18.5 | 17.0 | 116 | 22.8 | 17.7 | 24.1 | 22.2 | 16.4 | 18.2E | 23.5E | 17.7 | 87.7 | 24 |
| 25 | 22.3 | 16.7 | 115 | 21.3 | 18.4 | 19.9 | 37.5 | 16.9 | 17.4E | 25.5E | 33.5 | 93.1 | 25 |
| 26 | 27.5 | 16.5 | 173 | 20.3 | 17.2 | 18.4 | 23.0 | 17.1 | 16.5E | 27.0E | 80.8 | 118 | 26 |
| 27 | 28.0 | 16.7 | 230 | 20.1 | 17.2 | 17.2 | 19.8 | 17.8 | 16.7E | 29.3A | 80.7 | 104 | 27 |
| 28 | 26.7 | 16.6 | 151 | 21.8 | 17.0 | 16.8 | 18.3 | 17.4 | 16.8E | 34.5E | 43.3 | 75.5 | 28 |
| 29 | 25.5 | | 89.8 | 21.6 | 16.2 | 16.7 | 16.9 | 17.0 | 16.9E | 31.0E | 80.1 | 53.0B | 29 |
| 30 | 26.3 | | 81.3 | 20.4 | 16.5 | 16.2 | 16.6 | 16.5 | 17.0E | 27.5E | 83.1 | 44.0B | 30 |
| 31 | 24.6 | | 207 | | 17.0 | | 16.4 | 19.2 | | 24.0E | | 50.0B | 31 |
| TOTAL | 878.0 | 548.6 | 2 376.2 | 2 589.7 | 595.4 | 543.0 | 750.6 | 718.0 | 546.7 | 638.0 | 649.0 | 1 936.9 | TOTAL |
| MEAN | 28.3 | 19.6 | 76.6 | 85.7 | 17.9 | 18.1 | 24.2 | 23.2 | 18.2 | 20.5 | 28.3 | 62.4 | MEAN |
| MAX | 35.8 | 24.7 | 230 | 430 | 22.0 | 35.6 | 52.3 | 55.1 | 21.6 | 34.5 | 83.1 | 118 | MAX |
| MIN | 18.5 | 16.5 | 27.4 | 20.1 | 16.2 | 15.2 | 16.2 | 16.0 | 16.2 | 16.7 | 16.5 | 31.4 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.4
MAXIMUM DAILY, 430 ON APR 6
MINIMUM DAILY, 15.2 ON JUN 17
MAXIMUM INSTANTANEOUS,
473 AT 14:45 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 10 N
LONG 80 19 01 W
DRAINAGE AREA, 3 530 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 75 700 | JUL | 64 900 |
| FEB | 47 400 | AUG | 62 000 |
| MAR | 206 000 | SEP | 47 200 |
| APR | 222 000 | OCT | 55 000 |
| MAY | 46 000 | NOV | 73 400 |
| JUN | 48 800 | DEC | 167 000 |

TOTAL DISCHARGE, 1 110 000 dam³

## GRAND RIVER AT WEST MONTROSE - STATION NO. 02GA034

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.30B | 10.4 B | 3.40B | 82.8 | 4.10 | 3.57 | 5.41 | 5.80 | 5.78 | 5.60E | 4.18 | 31.7 | 1 |
| 2 | 6.40B | 10.2 B | 3.53B | 82.1 | 3.93 | 5.84 | 6.45 | 7.48 | 5.86 | 6.00E | 3.98 | 16.0 | 2 |
| 3 | 6.50B | 8.00B | 3.75B | 57.9 | 3.84 | 3.81 | 8.04 | 7.04 | 4.43 | 6.00E | 4.02 | 10.5 | 3 |
| 4 | 6.80B | 6.70B | 4.00B | 40.7 | 3.84 | 3.10 | 6.45 | 6.32 | 4.46 | 5.95E | 4.12 | 9.08 | 4 |
| 5 | 9.30B | 6.60B | 3.80B | 96.5 | 3.80 | 3.27 | 5.84 | 5.85 | 4.28 | 6.40E | 4.04 | 9.33 | 5 |
| 6 | 10.2 B | 6.50B | 4.00B | 176 | 3.81 | 4.96 | 5.84 | 5.78 | 4.12 | 6.00E | 4.28 | 9.66 | 6 |
| 7 | 11.3 | 6.40B | 4.20B | 143 | 3.32 | 5.04 | 6.58 | 5.78 | 4.04 | 6.35E | 4.06 | 8.97 | 7 |
| 8 | 12.8 | 6.30B | 4.40B | 77.2 | 3.42 | 4.94 | 8.85 | 5.71 | 3.86 | 6.00E | 5.53 | 6.38 | 8 |
| 9 | 13.1 | 6.20B | 6.20B | 31.7 | 3.36 | 4.89 | 8.89 | 7.34 | 3.86 | 7.20E | 11.4 | 9.64 | 9 |
| 10 | 12.4 | 6.10B | 6.70B | 24.3 | 3.21 | 4.70 | 8.43 | 7.23 | 4.22 | 6.50E | 8.37 | 19.3 | 10 |
| 11 | 12.4 | 6.00B | 6.90B | 9.18 | 3.50 | 4.62 | 7.38 | 7.37 | 4.38 | 6.00E | 6.11 | 18.9 | 11 |
| 12 | 12.4 B | 5.90B | 6.05B | 8.13 | 3.31 | 4.89 | 6.82 | 7.24 | 5.83 | 5.50E | 5.14 | 35.4 | 12 |
| 13 | 12.5 B | 6.00B | 6.20B | 8.41 | 3.21 | 4.53 | 6.86 | 7.01 | 5.82 | 5.00E | 4.73 | 31.3 | 13 |
| 14 | 13.5 B | 4.45B | 5.35B | 8.31 | 3.73 | 4.44 | 7.78 | 6.34 | 5.70 | 4.60E | 4.48 | 22.4 | 14 |
| 15 | 13.5 B | 4.42B | 5.90B | 8.38 | 7.14 | 4.31 | 7.43 | 6.85 | 5.26 | 4.30E | 4.10 | 21.9 | 15 |
| 16 | 12.6 B | 4.40B | 5.50B | 8.85 | 4.81 | 4.43 | 6.78 | 5.84 | 5.74 | 4.00E | 3.91 | 19.0 | 16 |
| 17 | 12.5 B | 4.38B | 4.50B | 9.71 | 3.76 | 5.61 | 6.12 | 6.21 | 5.97 | 3.80E | 4.06 | 16.6 | 17 |
| 18 | 13.5 B | 4.38B | 6.00B | 8.82 | 3.76 | 5.69 | 5.84 | 7.45 | 5.77 | 3.65E | 4.50 | 13.5 | 18 |
| 19 | 12.4 B | 4.33B | 8.00B | 7.78 | 3.59 | 5.67 | 5.78 | 7.01 | 5.26 | 3.60E | 4.59 | 14.6 | 19 |
| 20 | 12.4 B | 4.30B | 15.0 B | 8.72 | 3.71 | 5.85 | 21.8 | 6.58 | 5.26 | 3.54A | 4.83 | 16.8 | 20 |
| 21 | 12.3 B | 4.28B | 22.3 | 8.26 | 3.74 | 5.74 | 18.6 | 6.21 | 6.24 | 3.34 | 4.33 | 26.3 | 21 |
| 22 | 12.2 B | 4.05B | 21.6 | 4.90 | 3.77 | 8.86 | 8.54 | 6.26 | 6.13 | 3.41 | 4.53 | 30.3 | 22 |
| 23 | 12.2 B | 3.92B | 41.9 | 4.86 | 8.42 | 8.20 | 6.72 | 5.88 | 5.44 | 3.89 | 3.71 | 26.1 | 23 |
| 24 | 12.1 B | 3.80B | 48.3 | 4.70 | 6.81 | 8.01 | 6.27 | 6.24 | 5.00 | 4.53 | 4.11 | 24.0 | 24 |
| 25 | 12.0 B | 3.65B | 84.3 | 4.40 | 3.75 | 5.38 | 6.12 | 5.87 | 4.93E | 6.25 | 7.37 | 31.3 | 25 |
| 26 | 11.8 B | 3.50B | 107 | 4.30 | 3.43 | 4.74 | 5.45 | 6.18 | 4.85E | 5.85 | 18.3 | 43.2 | 26 |
| 27 | 11.6 B | 3.50B | 105 | 4.34 | 3.51 | 4.82 | 5.26 | 5.84 | 4.80E | 6.40 | 14.8 | 45.2 | 27 |
| 28 | 11.3 B | 3.45B | 58.6 | 4.83 | 3.26 | 4.75 | 5.07 | 6.66 | 5.00E | 6.87 | 10.1 | 24.9 | 28 |
| 29 | 11.1 B | | 28.3 | 4.84 | 3.08 | 4.87 | 5.12 | 6.05 | 4.80E | 6.82 | 21.8 | 27.2 | 29 |
| 30 | 10.9 B | | 47.4 | 4.32 | 2.80 | 5.06 | 5.98 | 5.73 | 6.60E | 5.44 | 35.7 | 28.4 | 30 |
| 31 | 10.5 B | | 92.9 | | 2.63 | | 5.88 | 5.67 | | 4.73 | | 25.2 | 31 |
| TOTAL | 356.00 | 150.69 | 765.56 | 805.14 | 116.39 | 151.81 | 230.75 | 196.62 | 158.76 | 167.12 | 225.07 | 670.06 | TOTAL |
| MEAN | 11.5 | 5.38 | 24.7 | 30.2 | 3.82 | 5.06 | 7.44 | 6.34 | 5.23 | 5.39 | 7.50 | 21.6 | MEAN |
| MAX | 13.1 | 10.4 | 107 | 176 | 7.14 | 8.86 | 21.9 | 7.48 | 6.77 | 6.87 | 35.7 | 45.2 | MAX |
| MIN | 8.30 | 3.45 | 3.40 | 4.30 | 2.63 | 3.10 | 5.07 | 5.21 | 3.86 | 3.34 | 3.71 | 6.38 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.2
MAXIMUM DAILY, 176 ON APR 6
MINIMUM DAILY, 2.63 ON MAY 31
MAXIMUM INSTANTANEOUS,
198 AT 02:46 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 25 06 N
LONG 80 25 54 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 30 800 | JUL | 19 900 |
| FEB | 13 000 | AUG | 17 000 |
| MAR | 66 100 | SEP | 13 500 |
| APR | 78 200 | OCT | 14 400 |
| MAY | 10 200 | NOV | 19 400 |
| JUN | 13 100 | DEC | 57 900 |

TOTAL DISCHARGE, 354 000 dam³

## GRAND RIVER BELOW SHAND DAM - STATION NO 02GA016

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.80 | 5.95 | 2.31 | 49.5 | 2.74 | 2.81 | 4.43 | 4.30 | 5.24 | 3.70 | 2.79 | 11.5 | 1 |
| 2 | 6.85 | 5.98 | 2.36 | 51.1 | 2.71 | 2.71 | 4.65 | 4.40 | 4.49 | 3.70 | 2.83 | 3.91 | 2 |
| 3 | 6.84 | 5.49 | 2.63 | 47.5 | 2.70 | 2.73 | 4.58 | 4.34 | 4.22 | 3.69 | 2.85 | 3.39 | 3 |
| 4 | 6.75 | 4.52 | 2.75 | 26.3 | 2.69 | 2.75 | 4.47 | 4.30 | 4.17 | 3.63 | 2.74 | 3.84 | 4 |
| 5 | 7.25 | 4.43 | 2.70 | 66.1 | 2.74 | 3.69 | 4.42 | 4.29 | 4.10 | 3.63 | 2.94 | 4.88 | 5 |
| 6 | 7.38 | 4.41 | 2.65 | 130 | 2.88 | 4.01 | 4.50 | 4.29 | 4.13 | 3.65 | 2.85 | 4.72 | 6 |
| 7 | 8.26 | 4.33 | 2.63 | 118 | 2.74 | 3.92 | 4.45 | 4.34 | 4.10 | 3.62 | 2.83 | 3.47 | 7 |
| 8 | 9.00 | 4.30 | 3.04 | 52.4 | 2.76 | 3.95 | 4.40 | 4.31 | 4.06 | 3.57 | 2.88 | 3.63 | 8 |
| 9 | 9.03 | 4.35 | 3.61 | 23.4 | 2.77 | 3.85 | 4.45 | 4.23 | 4.13 | 3.90 | 2.81 | 4.43 | 9 |
| 10 | 8.84 | 4.14 | 5.00 | 11.7 | 2.74 | 3.90 | 4.70 | 4.38 | 4.30 | 3.78 | 2.76 | 5.44 | 10 |
| 11 | 8.83 | 4.11 | 3.98 | 2.66 | 2.74 | 3.89 | 4.52 | 5.15 | 4.14 | 3.78 | 2.71 | 15.5 | 11 |
| 12 | 8.81 | 3.99 | 4.18 | 3.65 | 2.79 | 3.84 | 4.48 | 5.16 | 4.56 | 3.78 | 2.79 | 27.7 | 12 |
| 13 | 8.64 | 3.46 | 4.32 | 3.64 | 2.75 | 3.83 | 4.46 | 4.97 | 4.78 | 3.44 | 2.81 | 19.4 | 13 |
| 14 | 8.70 | 3.00 | 4.37 | 3.60 | 2.72 | 3.84 | 4.47 | 4.70 | 4.55 | 3.19 | 2.80 | 14.6 | 14 |
| 15 | 8.81 | 3.07 | 4.48 | 3.62 | 2.86 | 3.85 | 4.49 | 4.18 | 4.64 | 3.18 | 2.79 | 14.6 | 15 |
| 16 | 8.85 | 2.98 | 4.07 | 4.23 | 2.86 | 4.39 | 4.48 | 4.12 | 4.75 | 3.35 | 2.73 | 12.1 | 16 |
| 17 | 8.85 | 2.96 | 3.93 | 4.83 | 2.80 | 4.83 | 4.62 | 4.89 | 4.70 | 3.25 | 2.79 | 8.62 | 17 |
| 18 | 8.59 | 2.91 | 3.02 | 4.80 | 2.73 | 4.88 | 4.84 | 5.35 | 4.84 | 3.23 | 2.80 | 7.71 | 18 |
| 19 | 8.50 | 2.88 | 3.09 | 3.45 | 2.81 | 4.83 | 4.85 | 4.89 | 4.85 | 3.24 | 2.78 | 8.17 | 19 |
| 20 | 8.50 | 2.88 | 3.18 | 3.60 | 2.78 | 4.93 | 4.80 | 5.81 | 4.45 | 3.25 | 2.70 | 8.22 | 20 |
| 21 | 8.41 | 2.91 | 3.39 | 2.82 | 2.80 | 4.88 | 4.49 | 4.27 | 4.22 | 3.12 | 2.80 | 11.1 | 21 |
| 22 | 8.45 | 2.80 | 3.51 | 2.82 | 2.79 | 4.86 | 4.02 | 4.88 | 4.10 | 3.08 | 2.83 | 15.5 | 22 |
| 23 | 8.42 | 2.53 | 3.73 | 2.82 | 4.47 | 4.33 | 3.78 | 4.86 | 3.72 | 3.13 | 2.86 | 15.5 | 23 |
| 24 | 8.40 | 2.61 | 8.72 | 2.75 | 5.81 | 3.88 | 3.83 | 5.11 | 3.82 | 3.16 | 2.92 | 15.5 | 24 |
| 25 | 8.15 | 2.35 | 28.8 | 2.71 | 2.71 | 3.77 | 3.74 | 4.72 | 3.72 | 3.13 | 3.00 | 15.6 | 25 |
| 26 | 8.01 | 2.36 | 69.3 | 2.68 | 2.77 | 3.83 | 3.71 | 5.27 | 3.71 | 3.17 | 3.01 | 29.7 | 26 |
| 27 | 7.86 | 2.28 | 78.5 | 2.74 | 2.78 | 3.84 | 3.84 | 5.77 | 3.75 | 2.88 | 3.30 | 29.9 | 27 |
| 28 | 7.62 | 2.32 | 36.1 | 2.87 | 2.74 | 3.83 | 3.81 | 5.15 | 3.68 | 3.07 | 2.85 | 15.4 | 28 |
| 29 | 7.40 | | 15.8 | 2.84 | 2.72 | 3.78 | 4.07 | 4.87 | 3.78 | 2.95 | 3.06 | 15.6 | 29 |
| 30 | 7.29 | | 36.8 | 2.88 | 2.72 | 4.34 | 4.31 | 4.61 | 3.71 | 2.80 | 9.22 | 15.8 | 30 |
| 31 | 7.18 | | 89.4 | | 2.78 | | 4.32 | 4.78 | | 2.84 | | 15.6 | 31 |
| TOTAL | 250.68 | 102.11 | 421.77 | 636.11 | 89.44 | 118.14 | 133.73 | 144.30 | 127.11 | 104.26 | 91.83 | 380.83 | TOTAL |
| MEAN | 8.09 | 3.65 | 13.6 | 21.2 | 2.89 | 3.97 | 4.31 | 4.65 | 4.24 | 3.36 | 3.06 | 12.3 | MEAN |
| MAX | 9.03 | 5.98 | 78.5 | 130 | 5.81 | 4.95 | 4.70 | 5.77 | 5.24 | 3.80 | 9.22 | 29.9 | MAX |
| MIN | 6.75 | 2.28 | 2.31 | 2.60 | 2.68 | 2.71 | 3.81 | 3.81 | 3.68 | 2.84 | 2.70 | 3.39 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 7.13
MAXIMUM DAILY 130 ON APR 6
MINIMUM DAILY 2.28 ON FEB 27
MAXIMUM INSTANTANEOUS
133 AT 16:53 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 53 N
LONG 80 20 35 W
DRAINAGE AREA 800 km²

REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 21 700 | JUL | 11 500 |
| FEB | 9 820 | AUG | 12 500 |
| MAR | 36 400 | SEP | 11 000 |
| APR | 55 000 | OCT | 9 010 |
| MAY | 7 730 | NOV | 7 940 |
| JUN | 10 300 | DEC | 32 900 |

TOTAL DISCHARGE 225 000 dam³

## GRAND RIVER NEAR DUNDALK - STATION NO 02GA041

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.3918 | 0.1278 | 0.1508 | 3.80 | 0.214 | 0.377 | 0.079 | 0.082 | 0.044 | 0.032 | 0.113 | 3.96 | 1 |
| 2 | 0.3838 | 0.1228 | 0.2108 | 3.68 | 0.243 | 0.361 | 0.068 | 0.093 | 0.035 | 0.035 | 0.109 | 2.32 | 2 |
| 3 | 0.3768 | 0.1178 | 0.2208 | 3.28 | 0.184 | 0.355 | 0.065 | 0.103 | 0.032 | 0.028 | 0.117 | 1.87 | 3 |
| 4 | 0.3728 | 0.1138 | 0.2108 | 3.17 | 0.153 | 0.154 | 0.118 | 0.080 | 0.028 | 0.022 | 0.147 | 1.21 | 4 |
| 5 | 0.3808 | 0.1108 | 0.2008 | 17.1 | 0.150 | 0.121 | 0.075 | 0.075 | 0.030 | 0.023 | 0.257 | 1.01 | 5 |
| 6 | 0.3808 | 0.1078 | 0.2008 | 15.3 | 0.135 | 0.118 | 0.083 | 0.068 | 0.027 | 0.023 | 0.308 | 0.9008 | 6 |
| 7 | 0.3708 | 0.1068 | 1.80 B | 8.15 | 0.103 | 0.107 | 0.061 | 0.056 | 0.027 | 0.026 | 0.261 | 0.8908 | 7 |
| 8 | 0.3508 | 0.1068 | 3.00 B | 3.88 | 0.084 | 0.120 | 0.073 | 0.061 | 0.028 | 0.036 | 0.343 | 0.780 | 8 |
| 9 | 0.3408 | 0.1288 | 4.00 B | 1.84 | 0.082 | 0.104 | 0.086 | 0.199 | 0.025 | 0.034 | 0.537 | 8.18 | 9 |
| 10 | 0.3308 | 0.2108 | 5.50 B | 1.38 | 0.081 | 0.088 | 1.38 | 0.248 | 0.023 | 0.029 | 0.411 | 5.75 | 10 |
| 11 | 0.3258 | 0.2108 | 4.00 B | 1.15 | 0.085 | 0.074 | 1.12 | 0.182 | 0.022 | 0.022 | 0.278 | 3.33 | 11 |
| 12 | 0.3208 | 0.2008 | 3.00 B | 1.01 | 0.186 | 0.528 | 0.701 | 0.155 | 0.023 | 0.025 | 0.248 | 2.51 | 12 |
| 13 | 0.3408 | 0.1808 | 2.30 B | 0.882 | 0.108 | 3.24 | 0.408 | 0.086 | 0.021 | 0.026 | 0.256 | 1.95 | 13 |
| 14 | 0.4008 | 0.1408 | 1.90 B | 0.750 | 0.095 | 0.882 | 0.830 | 0.073 | 0.021 | 0.022 | 0.233 | 1.45 | 14 |
| 15 | 0.4348 | 0.1408 | 1.77 B | 1.13 | 0.093 | 0.410 | 0.823 | 0.085 | 0.018 | 0.022 | 0.209 | 1.36 B | 15 |
| 16 | 0.4808 | 0.1208 | 1.62 B | 0.968 | 0.081 | 0.205 | 0.578 | 0.063 | 0.020 | 0.021 | 0.180 | 1.28 B | 16 |
| 17 | 0.4008 | 0.1108 | 1.49 B | 0.745 | 0.080 | 0.129 | 0.401 | 0.048 | 0.028 | 0.024 | 0.173 | 1.23 B | 17 |
| 18 | 0.3808 | 0.1008 | 1.35 B | 0.620 | 0.073 | 0.100 | 0.306 | 0.042 | 0.030 | 0.026 | 0.240 | 1.21 | 18 |
| 19 | 0.3258 | 0.1008 | 1.25 B | 0.547 | 0.073 | 0.087 | 0.235 | 0.042 | 0.024 | 0.024 | 0.289 | 1.13 | 19 |
| 20 | 0.2958 | 0.1008 | 1.27 B | 0.463 | 0.074 | 0.078 | 0.781 | 0.035 | 0.040 | 0.023 | 0.264 | 1.26 | 20 |
| 21 | 0.2858 | 0.1008 | 3.00 B | 0.383 | 0.072 | 0.088 | 0.731 | 0.033 | 0.045 | 0.026 | 0.179 | 1.80 | 21 |
| 22 | 0.2458 | 0.1078 | 3.50 B | 0.317 | 0.258 | 0.319 | 0.438 | 0.034 | 0.023 | 0.029 | 0.200 | 1.87 | 22 |
| 23 | 0.2308 | 0.1158 | 5.82 B | 0.296 | 0.237 | 0.545 | 0.327 | 0.030 | 0.018 | 0.031 | 0.286 | 1.54 | 23 |
| 24 | 0.2108 | 0.1158 | 11.3 | 0.259 | 0.180 | 0.387 | 0.278 | 0.028 | 0.021 | 0.048 | 1.45 | 1.32 | 24 |
| 25 | 0.1958 | 0.1178 | 10.2 | 0.217 | 0.150 | 0.207 | 0.234 | 0.028 | 0.015 | 0.106 | 1.41 | 2.48 | 25 |
| 26 | 0.1808 | 0.1138 | 9.87 | 0.197 | 0.150 | 0.127 | 0.191 | 0.027 | 0.014 | 0.082 | 1.39 | 4.05 | 26 |
| 27 | 0.1658 | 0.1128 | 6.05 | 0.197 | 0.173 | 0.102 | 0.133 | 0.026 | 0.027 | 0.174 | 0.885 | 2.50 B | 27 |
| 28 | 0.1558 | 0.1128 | 3.97 | 0.316 | 0.161 | 0.091 | 0.088 | 0.029 | 0.043 | 0.230 | 0.857 | 1.50 B | 28 |
| 29 | 0.1458 | | 3.21 | 0.333 | 0.107 | 0.088 | 0.085 | 0.032 | 0.031 | 0.191 | 2.15 | 1.23 B | 29 |
| 30 | 0.1388 | | 8.19 | 0.256 | 0.084 | 0.095 | 0.089 | 0.027 | 0.027 | 0.156 | 5.53 | 1.05 B | 30 |
| 31 | 0.1318 | | 3.72 | | 0.073 | | 0.082 | 0.045 | | 0.123 | | 0.9408 | 31 |
| TOTAL | 9.420 | 3.561 | 104.000 | 55.476 | 4.022 | 5.547 | 11.041 | 2.185 | 0.809 | 1.718 | 19.312 | 63.480 | TOTAL |
| MEAN | 0.304 | 0.127 | 3.35 | 2.22 | 0.130 | 0.318 | 0.356 | 0.070 | 0.027 | 0.055 | 0.644 | 2.05 | MEAN |
| MAX | 0.480 | 0.210 | 11.3 | 17.1 | 0.258 | 3.24 | 1.38 | 0.248 | 0.045 | 0.230 | 5.53 | 5.75 | MAX |
| MIN | 0.131 | 0.100 | 0.150 | 0.197 | 0.072 | 0.088 | 0.052 | 0.026 | 0.014 | 0.021 | 0.109 | 0.780 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.810
MAXIMUM DAILY 17.1 ON APR 5
MINIMUM DAILY 0.014 ON SEP 26
MAXIMUM INSTANTANEOUS
28.6 AT 20:30 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 08 24 N
LONG 80 21 50 W
DRAINAGE AREA 82.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 814 | JUL | 954 |
| FEB | 306 | AUG | 187 |
| MAR | 8 990 | SEP | 89.9 |
| APR | 5 740 | OCT | 165 |
| MAY | 348 | NOV | 1 670 |
| JUN | 826 | DEC | 5 480 |

TOTAL DISCHARGE 25 500 dam³

## GRAND RIVER NEAR MARSVILLE - STATION NO 02GA014

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.028 | 2.388 | 2.708 | 28.9 | 1.50 | 0.453 | 0.455 | 0.411 | 0.509 | 0.696 | 1.60 | 36.4 | 1 |
| 2 | 5.908 | 2.378 | 3.108 | 24.7 | 1.32 | 0.548 | 0.441 | 0.496 | 0.598 | 0.673 | 1.37 | 21.0 | 2 |
| 3 | 5.808 | 2.348 | 3.408 | 20.0 | 1.18 | 1.06 | 0.401 | 0.575 | 0.521 | 0.686 | 1.37 | 12.5 E | 3 |
| 4 | 5.708 | 2.318 | 3.308 | 16.9 | 1.06 | 0.982 | 0.437 | 0.433 | 0.446 | 0.565 | 1.53 | 9.008 | 4 |
| 5 | 5.008 | 2.298 | 3.208 | 133 | 0.886 | 0.772 | 0.545 | 0.379 | 0.415 | 0.472 | 1.76 | 7.508 | 5 |
| 6 | 5.208 | 2.278 | 3.108 | 173 | 0.830 | 0.858 | 0.868 | 0.391 | 0.442 | 0.504 | 4.05 | 6.008 | 6 |
| 7 | 5.008 | 2.268 | 12.0 E | 87.5 | 0.724 | 0.614 | 1.07 | 0.307 | 0.456 | 0.539 | 2.20 | 5.008 | 7 |
| 8 | 4.858 | 2.258 | 22.0 E | 31.5 | 0.648 | 0.589 | 1.10 | 0.287 | 0.460 | 0.615 | 2.55 | 4.73 | 8 |
| 9 | 4.708 | 2.248 | 40.0 E | 17.5 | 0.523 | 0.528 | 0.880 | 0.788 | 0.430 | 0.884 | 4.51 | 18.3 | 9 |
| 10 | 4.808 | 2.808 | 58.0 E | 12.2 | 0.462 | 0.449 | 0.921 | 0.893 | 0.428 | 0.810 | 4.56 | 51.5 | 10 |
| 11 | 4.508 | 3.208 | 45.0 E | 9.49 | 0.459 | 0.446 | 1.56 | 1.04 | 0.525 | 0.481 | 3.18 | 30.1 | 11 |
| 12 | 4.408 | 3.208 | 30.0 E | 7.83 | 0.448 | 0.404 | 1.66 | 0.892 | 0.581 | 0.448 | 2.81 | 18.7 | 12 |
| 13 | 4.508 | 3.008 | 25.0 E | 7.75 | 0.410 | 0.451 | 1.18 | 0.743 | 0.593 | 0.402 | 2.26 | 15.1 | 13 |
| 14 | 4.708 | 2.808 | 20.0 E | 7.03 | 0.833 | 3.32 | 1.06 | 0.649 | 0.580 | 0.377 | 2.17 | 11.5 | 14 |
| 15 | 4.908 | 2.608 | 17.0 E | 8.11 | 0.770 | 2.31 | 2.41 | 0.581 | 0.516 | 0.387 | 1.88 | 8.67 | 15 |
| 16 | 5.508 | 2.408 | 15.0 E | 9.18 | 0.651 | 1.47 | 2.77 | 0.602 | 0.482 | 0.351 | 1.94 | 6.62 | 16 |
| 17 | 5.208 | 2.308 | 14.0 E | 7.07 | 0.594 | 0.982 | 1.78 | 0.641 | 0.485 | 0.362 | 1.78 | 7.12 | 17 |
| 18 | 4.808 | 2.248 | 13.5 E | 5.80 | 0.556 | 0.885 | 1.32 | 0.584 | 0.458 | 0.408 | 2.14 | 7.34 | 18 |
| 19 | 4.308 | 2.248 | 13.0 E | 4.88 | 0.451 | 0.682 | 1.10 | 0.667 | 0.501 | 0.440 | 2.80 | 7.11 | 19 |
| 20 | 4.008 | 2.248 | 16.0 E | 4.14 | 0.641 | 0.388 | 3.43 | 0.808 | 0.587 | 0.410 | 2.95 | 7.80 | 20 |
| 21 | 3.708 | 2.248 | 22.0 E | 3.28 | 0.824 | 0.354 | 2.58 | 0.888 | 0.582 | 0.404 | 2.908 | 13.3 | 21 |
| 22 | 3.408 | 2.248 | 44.0 E | 2.70 | 2.36 | 1.20 | 2.01 | 0.712 | 0.580 | 0.412 | 2.658 | 15.2 | 22 |
| 23 | 3.208 | 2.308 | 85.3 | 2.42 | 2.40 | 1.81 | 1.66 | 0.640 | 0.541 | 0.522 | 2.88 | 12.4 | 23 |
| 24 | 3.008 | 2.338 | 103 | 2.18 | 1.76 | 1.18 | 1.13 | 0.459 | 0.526 | 0.739 | 3.76 | 10.6 | 24 |
| 25 | 2.788 | 2.338 | 93.5 | 1.84 | 1.34 | 1.00 | 1.03 | 0.448 | 0.474 | 1.29 | 7.41 | 23.7 | 25 |
| 26 | 2.708 | 2.318 | 85.1 | 1.85 | 1.32 | 0.785 | 0.825 | 0.802 | 0.424 | 1.34 | 6.13 | 32.5 | 26 |
| 27 | 2.628 | 2.308 | 89.1 | 1.84 | 1.31 | 0.578 | 0.886 | 0.830 | 0.422 | 1.73 | 5.51 | 22.5 | 27 |
| 28 | 2.578 | 2.308 | 36.7 | 1.82 | 1.19 | 0.426 | 0.817 | 0.485 | 0.444 | 2.85 | 5.72 | 14.1 | 28 |
| 29 | 2.508 | | 27.1 | 1.87 | 0.834 | 0.358 | 0.488 | 0.838 | 0.734 | 2.66 | 12.3 | 8.46 | 29 |
| 30 | 2.468 | | 84.5 | 1.85 | 0.742 | 0.435 | 0.533 | 0.488 | 0.830 | 2.38 | 35.9 | 8.08 | 30 |
| 31 | 2.418 | | 48.8 | | 0.812 | | 0.483 | 0.838 | | 1.88 | | 8.27 | 31 |
| TOTAL | 133.72 | 86.08 | 1 026.70 | 619.93 | 38.942 | 35.481 | 36.241 | 17.758 | 15 833 | 26.127 | 133.71 | 459.82 | TOTAL |
| MEAN | 4.28 | 3.43 | 33.1 | 20.7 | 0.934 | 0.848 | 1.23 | 0.573 | 0.521 | 0.843 | 4.46 | 14.8 | MEAN |
| MAX | 6.20 | 3.20 | 103 | 173 | 2.40 | 3.32 | 3.43 | 1.06 | 0.830 | 2.85 | 35.9 | 51.5 | MAX |
| MIN | 2.41 | 2.24 | 2.70 | 1.84 | 0.410 | 0.354 | 0.401 | 0.291 | 0.415 | 0.342 | 1.37 | 4.73 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.10
MAXIMUM DAILY, 173 ON APR 6
MINIMUM DAILY, 0.291 ON AUG 6
MAXIMUM INSTANTANEOUS,
228 AT 00:57 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 43 N
LONG 80 16 23 W
DRAINAGE AREA, 684 km²

B - ICE CONDITIONS

REGULATED SINCE 1963

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11 500 | JUL | 3 300 |
| FEB | 5 840 | AUG | 1 530 |
| MAR | 88 700 | SEP | 1 380 |
| APR | 53 600 | OCT | 2 280 |
| MAY | 2 500 | NOV | 11 600 |
| JUN | 2 200 | DEC | 39 700 |

TOTAL DISCHARGE, 224 000 dam³

## GRASSY NARROWS LAKE AT GRASSY NARROWS - STATION NO 05QE015

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 319.382 | 319.457 | 319.438 | 319.027 | 318.976 | 318.539 | 318.291 | 317.881 | 317.720 | 318.081 | 318.319 | 318.681 | 1 |
| 2 | 319.385 | 319.454 | 319.438 | 318.998 | 318.883 | 318.543 | 318.285 | 317.880 | 317.722 | 318.089 | 318.330 | 318.685 | 2 |
| 3 | 319.382 | 319.446 | 319.428 | 318.988 | 318.880 | 318.548 | 318.238 | 317.845 | 317.729 | 318.085 | 318.344 | 318.693 | 3 |
| 4 | 319.388 | 319.440 | 319.434 | 318.941 | 318.850 | 318.548 | 318.215 | 317.825 | 317.730 | 318.102 | 318.373 | 318.704 | 4 |
| 5 | 319.401 | 319.440 | 319.430 | 318.918 | 318.843 | 318.535 | 318.190 | 317.813 | 317.732 | 318.125 | 318.384 | 318.709 | 5 |
| 6 | 319.403 | 319.444 | 319.432 | 318.893 | 318.831 | 318.536 | 318.169 | 317.809 | 317.735 | 318.132 | 318.408E | 318.723 | 6 |
| 7 | 319.400 | 319.440 | 319.421 | 318.872 | 318.814 | 318.537 | 318.153 | 317.806 | 317.740 | 318.121 | 318.422E | 318.732 | 7 |
| 8 | 319.384 | 319.433 | 319.422 | 318.855 | 318.808 | 318.540 | 318.137 | 317.872 | 317.745 | 318.119 | 318.438E | 318.738 | 8 |
| 9 | 319.384 | 319.437 | 319.412 | 318.845 | 318.803 | 318.545 | 318.121 | 317.861 | 317.747 | 318.145 | 318.447A | --- | 9 |
| 10 | 319.389 | 319.440 | 319.407 | 318.851 | 318.858 | 318.544 | 318.104 | 317.844 | 317.766 | 318.159 | 318.452 | --- | 10 |
| 11 | 319.405 | 319.441 | 319.404 | 318.837 | 318.886 | 318.561 | 318.095 | 317.834 | 317.764 | 318.181 | 318.471 | --- | 11 |
| 12 | 319.411 | 319.440 | 319.386 | 318.832 | 318.825 | 318.581 | 318.087 | 317.830 | 317.777 | 318.183 | 318.486 | --- | 12 |
| 13 | 319.422 | 319.434 | 319.369 | 318.833 | 318.808 | 318.583 | 318.079 | 317.811 | 317.788 | 318.171 | 318.502 | --- | 13 |
| 14 | 319.429 | 319.431 | 319.372 | 318.832 | 318.806 | 318.587 | 318.064 | 317.785 | 317.789 | 318.183 | 318.503 | --- | 14 |
| 15 | 319.420 | 319.433 | 319.384 | 318.838 | 318.770 | 318.584 | 318.052 | 317.785 | 317.809 | 318.181 | 318.513 | --- | 15 |
| 16 | 319.423 | 319.441 | 319.338 | 318.838 | 318.745 | 318.575 | 318.045 | 317.773 | 317.816 | 318.182 | 318.543 | --- | 16 |
| 17 | 319.433 | 319.443 | 319.314 | 318.855 | 318.716 | 318.584 | 318.034 | 317.761 | 317.822 | 318.187 | 318.567 | --- | 17 |
| 18 | 319.438 | 319.446 | 319.287 | 318.845 | 318.673 | 318.583 | 318.010 | 317.753 | 317.832 | 318.212 | 318.582 | --- | 18 |
| 19 | 319.440 | 319.453 | 319.280 | 318.840 | 318.583 | 318.583 | 317.998 | 317.746 | 317.845 | 318.214 | 318.615 | --- | 19 |
| 20 | 319.439 | 319.454 | 319.239 | 318.812 | 318.635 | 318.541 | 317.991 | 317.737 | 317.886 | 318.218 | 318.619 | --- | 20 |
| 21 | 319.448 | 319.452 | 319.215 | 317.9[illegible] | 318.631 | 318.528 | 317.981 | 317.732 | 317.890 | 318.219 | 318.618 | --- | 21 |
| 22 | 319.450 | 319.454 | 319.193 | 317.[illegible] | 318.612 | 318.522 | 317.980 | 317.722 | 317.918 | 318.220 | 318.626 | --- | 22 |
| 23 | 319.444A | 319.450 | 319.173 | 318.[illegible] | 318.599 | 318.512 | 317.979 | 317.718 | 317.936 | 318.233 | 318.632 | --- | 23 |
| 24 | 319.447A | 319.448 | 319.158 | 318.648 | 318.586 | 318.495 | 317.973 | 317.718 | 317.953 | 318.238 | 318.637 | --- | 24 |
| 25 | 319.448A | 319.445 | 319.148 | 318.857 | 318.588 | 318.472 | 317.972 | 317.715 | 317.972 | 318.250 | 318.632 | --- | 25 |
| 26 | 319.448 | 319.442 | 319.131 | 318.880 | 318.580 | 318.458 | 317.970 | 317.712 | 317.988 | 318.270 | 318.638 | --- | 26 |
| 27 | 319.458 | 319.438 | 319.116 | 318.899 | 318.560 | 318.435 | 317.969 | 317.708 | 318.005 | 318.289 | 318.646 | --- | 27 |
| 28 | 319.457 | 319.434 | 319.093 | 318.894 | 318.555 | 318.398 | 317.972 | 317.707 | 318.028 | 318.368 | 318.653 | --- | 28 |
| 29 | 319.458 | | 319.073 | 318.886 | 318.564 | 318.384 | 317.976 | 317.709 | 318.043 | 318.285 | 318.665 | --- | 29 |
| 30 | 319.465 | | 319.060 | 318.884 | 318.548 | 318.328 | 317.973 | 317.708 | 318.070 | 318.312 | 318.676 | --- | 30 |
| 31 | 319.459 | | 319.045 | | 318.547 | | 317.983 | 317.712 | | 318.311 | | --- | 31 |
| MEAN | 319.426 | 319.443 | 319.281 | 318.911 | 318.745 | 318.521 | 318.086 | 317.788 | 317.843 | 318.182 | 318.525 | --- | MEAN |
| MAX | 319.465 | 319.457 | 319.438 | 319.027 | 318.976 | 318.587 | 318.291 | 317.961 | 318.070 | 318.312 | 318.676 | --- | MAX |
| MIN | 319.382 | 319.431 | 319.045 | 318.832 | 318.547 | 318.328 | 317.963 | 317.707 | 317.720 | 318.081 | 318.319 | --- | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 319.465 ON JAN 30
MINIMUM DAILY, 317.707 ON AUG 28
MAXIMUM INSTANTANEOUS
319.486 AT 01:44 CST ON JAN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 40 N
LONG 94 01 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)
APPLY -0.000 183 m ADJUSTMENT TO CONVERT TO ONTARIO HYDRO PROJECT DATUM

## GRAVEL RIVER NEAR CAVERS - STATION NO 02AE001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.960 | 1.310 | 1.090 | 1.890 | 6.39 | 5.56 | 1.59 | 2.21 | 2.06 | 3.37 | 5.38 | 5.050 | 1 |
| 2 | 1.920 | 1.290 | 1.060 | 2.150 | 7.81 | 5.25 | 1.52 | 2.17 | 1.96 | 5.33 | 5.19 | 5.700 | 2 |
| 3 | 1.890 | 1.280 | 1.060 | 2.450 | 7.27 | 4.87 | 1.57 | 2.35 | 1.87 | 5.57 | 5.10 | 5.450 | 3 |
| 4 | 1.850 | 1.270 | 1.070 | 2.900 | 6.79 | 4.72 | 1.59 | 2.28 | 1.80 | 5.56 | 5.00 | 5.100 | 4 |
| 5 | 1.820 | 1.260 | 1.070 | 3.350 | 6.40 | 4.69 | 1.53 | 2.18 | 1.88 | 5.28 | 5.02 | 4.850 | 5 |
| 6 | 1.790 | 1.250 | 1.060 | 4.050 | 5.93 | 4.47 | 1.48 | 2.00 | 2.88 | 5.08 | 5.00 | 4.600 | 6 |
| 7 | 1.760 | 1.240 | 1.060 | 4.750 | 5.54 | 4.38 | 1.42 | 1.86 | 4.98 | 5.08 | 5.01 | 4.350 | 7 |
| 8 | 1.730 | 1.240 | 1.060 | 5.600 | 5.20 | 4.14 | 1.38 | 1.75 | 5.70 | 5.05 | 5.86 | 4.150 | 8 |
| 9 | 1.700 | 1.230 | 1.050 | 7.050 | 4.91 | 3.93 | 1.33 | 1.88 | 5.60 | 5.19 | 5.52 | 3.970 | 9 |
| 10 | 1.680 | 1.220 | 1.040 | 8.000 | 4.64 | 3.73 | 1.25 | 1.80 | 5.80 | 5.35 | 5.37 | 3.800 | 10 |
| 11 | 1.650 | 1.210 | 1.030 | 11.5 | 4.34 | 3.51 | 1.26 | 1.54 | 5.88 | 5.10 | 5.50 | 3.630 | 11 |
| 12 | 1.630 | 1.200 | 1.030 | 13.6 | 4.18 | 3.45 | 1.21 | 1.55 | 5.40 | 5.96 | 5.30 | 3.480 | 12 |
| 13 | 1.600 | 1.200 | 1.030 | 14.0 | 3.95 | 4.12 | 1.35 | 2.27 | 5.25 | 5.60 | 4.76 | 3.360 | 13 |
| 14 | 1.580 | 1.190 | 1.020 | 14.5 | 4.01 | 5.26 | 1.80 | 2.52 | 5.59 | 5.84 | 4.85 | 3.240 | 14 |
| 15 | 1.560 | 1.180 | 1.020 | 15.5 | 4.15 | 5.33 | 1.48 | 2.41 | 7.88 | 6.17 | 4.54 | 3.130 | 15 |
| 16 | 1.540 | 1.180 | 1.020 | 15.8 | 4.13 | 4.95 | 1.44 | 2.35 | 7.64 | 7.07 | 4.89 | 3.020 | 16 |
| 17 | 1.520 | 1.170 | 1.030 | 16.0 | 4.19 | 4.54 | 1.39 | 2.79 | 7.19 | 9.86 | 9.20 | 2.940 | 17 |
| 18 | 1.500 | 1.160 | 1.040 | 16.2 | 4.15 | 4.20 | 1.55 | 2.95 | 6.48 | 11.4 | 14.8 | 2.860 | 18 |
| 19 | 1.490 | 1.150 | 1.050 | 16.2 | 4.01 | 3.91 | 1.62 | 2.80 | 5.89 | 11.2 | 15.1 | 2.785 | 19 |
| 20 | 1.480 | 1.150 | 1.060 | 16.2 | 3.94 | 3.58 | 1.79 | 2.57 | 5.65 | 10.4 | 14.0 | 2.700 | 20 |
| 21 | 1.460 | 1.140 | 1.070 | 16.3 | 3.86 | 3.19 | 2.01 | 2.64 | 5.52 | 9.63 | 12.1 | 2.630 | 21 |
| 22 | 1.440 | 1.140 | 1.090 | 16.3 | 5.04 | 2.97 | 1.95 | 3.00 | 5.22 | 8.66 | 11.1 E | 2.570 | 22 |
| 23 | 1.430 | 1.130 | 1.130 | 16.2 | 6.55 | 2.80 | 2.15 | 3.19 | 5.00 | 8.23 | 10.3 E | 2.500 | 23 |
| 24 | 1.410 | 1.120 | 1.170 | 12.8 | 7.12 | 2.87 | 2.36 | 3.17 | 4.66 | 7.71 | 9.70 | 2.430 | 24 |
| 25 | 1.390 | 1.110 | 1.210 | 11.7 | 7.05 | 2.41 | 2.38 | 3.01 | 4.34 | 7.28 | 8.91 | 2.380 | 25 |
| 26 | 1.380 | 1.110 | 1.270 | 10.7 | 6.72 | 2.24 | 2.41 | 2.81 | 4.07 | 7.02 | 8.308 | 2.340 | 26 |
| 27 | 1.370 | 1.100 | 1.340 | 10.2 | 6.50 | 2.08 | 2.52 | 2.81 | 3.84 | 7.15 | 7.758 | 2.300 | 27 |
| 28 | 1.360 | 1.100 | 1.400 | 9.83 | 6.36 | 1.95 | 2.43 | 2.37 | 3.68 | 7.22 | 7.258 | 2.260 | 28 |
| 29 | 1.340 | | 1.520 | 9.59 | 6.16 | 1.83 | 2.43 | 2.20 | 3.50 | 7.05 | 6.858 | 2.210 | 29 |
| 30 | 1.330 | | 1.610 | 8.98 | 5.88 | 1.71 | 2.37 | 2.11 | 3.32 | 6.81 | 6.508 | 2.170 | 30 |
| 31 | 1.320 | | 1.720 | | 5.80 | | 2.30 | 2.17 | | 6.66 | | 2.130 | 31 |
| TOTAL | 48.88 | 33.33 | 35.91 | 312.59 | 171.09 | 112.34 | 54.68 | 73.11 | 141.34 | 222.40 | 230.85 | 105.08 | TOTAL |
| MEAN | 1.58 | 1.19 | 1.15 | 10.4 | 5.52 | 3.74 | 1.76 | 2.36 | 4.71 | 7.17 | 7.69 | 3.39 | MEAN |
| MAX | 1.96 | 1.31 | 1.72 | 16.3 | 8.39 | 5.56 | 2.52 | 3.19 | 7.88 | 11.4 | 15.1 | 6.05 | MAX |
| MIN | 1.32 | 1.10 | 1.02 | 1.89 | 3.86 | 1.71 | 1.21 | 1.54 | 1.80 | 3.37 | 4.54 | 2.13 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.22
MAXIMUM DAILY, 16.3 ON APR 21
MINIMUM DAILY, 1.020 ON MAR 14
MAXIMUM INSTANTANEOUS,
16.5 AT 10 59 EST ON APR 21

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 34 N
LONG 87 41 27 W
DRAINAGE AREA, 816 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 220 | JUL | 4 720 |
| FEB | 2 880 | AUG | 6 320 |
| MAR | 3 070 | SEP | 12 200 |
| APR | 27 000 | OCT | 19 200 |
| MAY | 14 800 | NOV | 18 900 |
| JUN | 9 710 | DEC | 9 080 |

TOTAL DISCHARGE, 133 000 dam³

## GREENWATER CREEK AT OUTLET OF GREENWATER LAKE - STATION NO 02AB012

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | 10.0 | --- | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 3.80 | --- | --- | --- | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.70 | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | 1.00 | --- | --- | --- | --- | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | 0 | 5.00 | 3.00 | --- | --- | 9 |
| 10 | --- | 1.20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 1.30 | --- | --- | --- | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | 3.80 | --- | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 6.50 | --- | --- | --- | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4.00 | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | 10.0 | --- | --- | --- | --- | 28 |
| 29 | --- | | 1.10E | --- | --- | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | --- | | --- | | --- | | --- | --- | | --- | | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 36 28 N
LONG 90 27 21 W
DRAINAGE AREA, 174 km²

E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | --- |
| FEB | --- | AUG | --- |
| MAR | --- | SEP | --- |
| APR | --- | OCT | --- |
| MAY | --- | NOV | --- |
| JUN | --- | DEC | --- |

## GRINDSTONE CREEK NEAR ALDERSHOT - STATION NO. 02HB012

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.51 | 0.500B | 4.44 | 2.97 | 0.578 | 0.230 | 0.166 | 0.156 | 0.115 | 0.141 | 0.186 | 1.80 E | 1 |
| 2 | 1.40 | 0.540B | 3.33 | 3.26 | 0.526 | 0.224 | 0.203 | 1.01 | 0.118 | 0.146 | 0.190 | 1.50 E | 2 |
| 3 | 1.20 B | 0.600B | 2.70 B | 3.01 | 0.489 | 0.225 | 0.264 | 0.744 | 0.101 | 0.136 | 0.185 | 1.20 E | 3 |
| 4 | 1.15 B | 0.700B | 2.50 B | 3.92 | 0.467 | 0.184 | 0.328 | 0.494 | 0.093 | 0.133 | 0.188 | 1.12 E | 4 |
| 5 | 1.02 B | 0.600B | 2.40 B | 5.95 | 0.441 | 0.172 | 0.272 | 0.350 | 0.086 | 0.142 | 0.168 | 0.900E | 5 |
| 6 | 0.8848 | 0.760B | 2.11 | 8.71 | 0.409 | 0.165 | 0.258 | 0.286 | 0.087 | 0.134 | 0.151 | 0.760E | 6 |
| 7 | 0.8508 | 0.600B | 3.76 | 6.28 | 0.406 | 0.174 | 0.215 | 0.241 | 0.089 | 0.168 | 0.148 | 0.880E | 7 |
| 8 | 0.8208 | 0.640B | 5.22 | 4.08 | 0.398 | 0.184 | 0.198 | 0.201 | 0.087 | 0.176 | 0.165 | 0.830E | 8 |
| 9 | 0.7808 | 0.590B | 6.43 B | 3.12 | 0.389 | 0.162 | 0.175 | 0.885 | 0.107 | 0.162 | 0.187 | 0.841A | 9 |
| 10 | 0.7408 | 0.550B | 3.70 B | 2.81 | 0.389 | 0.158 | 0.157 | 0.658 | 0.094 | 0.158 | 0.184 | 0.740E | 10 |
| 11 | 0.7388 | 0.520B | 3.40 B | 2.27 | 0.340 | 0.150 | 0.170 | 0.380 | 0.172 | 0.158 | 0.158 | 0.840E | 11 |
| 12 | 0.7308 | 0.480B | 3.11 B | 3.63 | 0.271 | 0.213 | 0.152 | 0.283 | 0.130 | 0.180 | 0.157 | 1.01 E | 12 |
| 13 | 0.7408 | 0.450B | 1.78 B | 4.35 | 0.284 | 0.185 | 0.237 | 0.232 | 0.176 | 0.144 | 0.162 | 1.00 E | 13 |
| 14 | 0.8008 | 0.430B | 1.70 | 2.49 | 0.392 | 0.184 | 0.451 | 0.202 | 0.209 | 0.129 | 0.180 | 0.900E | 14 |
| 15 | 1.45 B | 0.410B | 1.42 | 2.25 | 0.441 | 0.162 | 0.303 | 0.183 | 0.165 | 0.126 | 0.175 | 0.820E | 15 |
| 16 | 1.50 B | 0.390B | 1.34 | 2.16 | 0.380 | 0.158 | 0.223 | 0.187 | 0.141 | 0.132 | 0.187 | 0.800E | 16 |
| 17 | 1.40 B | 0.380B | 1.25 | 1.81 | 0.315 | 0.150 | 0.188E | 0.137 | 0.215 | 0.148 | 0.213 | 1.00 E | 17 |
| 18 | 1.20 B | 0.380B | 1.22 | 1.84 | 0.343 | 0.138 | 0.180E | 0.120 | 0.285 | 0.130 | 0.239 | 0.930E | 18 |
| 19 | 1.00 B | 0.3428 | 1.23 | 1.42 | 0.328 | 0.129 | 0.180E | 0.102 | 0.210 | 0.125 | 0.233 | 1.00 E | 19 |
| 20 | 0.9008 | 0.3388 | 1.23 | 1.28 | 0.321 | 0.129 | 0.300E | 0.085 | 0.229 | 0.121 | 0.227 | 1.35 E | 20 |
| 21 | 0.8008 | 0.3258 | 1.15 | 1.16 | 0.313 | 0.172 | 0.240A | 0.085 | 0.315 | 0.145 | 0.262 | 1.80 E | 21 |
| 22 | 0.7408 | 0.3158 | 1.10 | 1.01 | 0.382 | 1.28 | 0.220E | 0.075 | 0.525 | 0.180 | 0.238 | 1.80 E | 22 |
| 23 | 0.6808 | 0.3058 | 0.980 | 0.880 | 0.333 | 0.727 | 0.200E | 0.071 | 0.800 | 0.204 | 0.222 | 2.16 E | 23 |
| 24 | 0.6408 | 0.3008 | 0.943 | 0.861 | 0.247 | 0.414 | 0.270E | 0.080 | 0.378 | 0.242 | 0.234 | 1.83 | 24 |
| 25 | 0.6108 | 0.2958 | 1.02 | 0.852 | 0.260 | 0.315 | 0.230E | 0.073 | 0.290 | 0.267 | 1.27 | 2.29 | 25 |
| 26 | 0.5808 | 0.2858 | 1.22 | 0.780 | 0.267 | 0.402 | 0.200E | 0.072 | 0.237 | 0.219 | 1.80 | 2.22 | 26 |
| 27 | 0.5708 | 0.2808 | 1.13 | 0.740 | 0.544 | 0.281 | 0.184 | 0.104 | 0.183 | 0.286 | 0.970 | 1.34 | 27 |
| 28 | 0.5508 | 0.2708 | 1.05 | 0.711 | 0.338 | 0.227 | 0.187 | 0.108 | 0.182 | 0.297 | 0.831 | 1.00 B | 28 |
| 29 | 0.5308 | | 0.988 | 0.736 | 0.226 | 0.223 | 0.157 | 0.110 | 0.175 | 0.257 | 1.72 | 0.8008 | 29 |
| 30 | 0.5188 | | 1.87 | 0.634 | 0.231 | 0.196 | 0.181 | 0.101 | 0.189 | 0.228 | 2.11 E | 0.6008 | 30 |
| 31 | 0.5058 | | 2.78 | | 0.251 | | 0.185 | 0.120 | | 0.206 | | 0.5208 | 31 |
| TOTAL | 27.542 | 12.752 | 67.312 | 78.856 | 11.212 | 7.683 | 6.814 | 7.826 | 5.813 | 5.396 | 13.133 | 36.931 | TOTAL |
| MEAN | 0.888 | 0.455 | 2.17 | 2.63 | 0.362 | 0.253 | 0.220 | 0.256 | 0.194 | 0.174 | 0.438 | 1.18 | MEAN |
| MAX | 1.51 | 0.800 | 6.43 | 8.95 | 0.578 | 1.28 | 0.451 | 1.01 | 0.525 | 0.297 | 2.11 | 2.29 | MAX |
| MIN | 0.505 | 0.270 | 0.843 | 0.634 | 0.226 | 0.122 | 0.152 | 0.071 | 0.086 | 0.121 | 0.148 | 0.520 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.788
MAXIMUM DAILY, 8.95 ON APR 5
MINIMUM DAILY, 0.071 ON AUG 23
MAXIMUM INSTANTANEOUS,
11.0 AT 17:34 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 18 03 N
LONG 79 52 10 W
DRAINAGE AREA, 52.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 380 | JUL | 583 |
| FEB | 1 100 | AUG | 885 |
| MAR | 5 820 | SEP | 502 |
| APR | 6 810 | OCT | 466 |
| MAY | 968 | NOV | 1 130 |
| JUN | 655 | DEC | 3 100 |

TOTAL DISCHARGE, 24 200 dam³

## GROUNDHOG RIVER AT FAUQUIER - STATION NO. 04LD001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63.0B | 37.0B | 60.5B | 115 B | 193 | 133 | 62.1 | 118 | 38.5 | 26.5 | 76.3 | 53.5B | 1 |
| 2 | 61.6B | 36.8B | 62.3B | 186 B | 179 | 143 | 56.1 | 105 | 38.4 | 30.3 | 73.7 | 51.5B | 2 |
| 3 | 60.0B | 36.3B | 63.3B | 103 B | 186 | 147 | 54.9 | 113 | 38.0 | 39.6 | 72.8 | 46.5B | 3 |
| 4 | 59.6B | 36.1B | 64.4B | 100 B | 153 | 143 | 53.8 | 156 | 36.0 | 65.7 | 75.8 | 47.0B | 4 |
| 5 | 58.5B | 36.7B | 65.3B | 96.0B | 142 | 131 | 53.0 | 206 | 33.2 | 67.6 | 82.7 | 45.5B | 5 |
| 6 | 57.5B | 37.2B | 66.0B | 93.5B | 132 | 118 | 50.1 | 199 | 32.4 | 73.9 | 87.0 | 44.5B | 6 |
| 7 | 56.5B | 37.7B | 66.7B | 92.5B | 123 | 107 | 47.0 | 171 | 31.3 | 77.2 | 84.6 | 44.0B | 7 |
| 8 | 55.3B | 38.5B | 67.4B | 93.0B | 114 | 100 | 43.7 | 145 | 30.6 | 76.0 | 79.6 | 44.0B | 8 |
| 9 | 54.2B | 39.5B | 68.2B | 100 B | 104 | 97.1 | 42.2 | 123 | 30.3 | 74.8 | 76.7 | 44.5B | 9 |
| 10 | 53.5B | 40.0B | 69.0B | 117 B | 95.5 | 97.0 | 41.7 | 105 | 30.2 | 74.4 | 71.3 | 46.0B | 10 |
| 11 | 52.5B | 40.5B | 69.5B | 140 B | 84.4 | 93.4 | 41.1 | 91.8 | 30.6 | 72.9 | 64.5 | 48.5B | 11 |
| 12 | 51.5B | 41.0B | 68.8B | 170 B | 86.1 | 89.4 | 41.8 | 82.0 | 32.1 | 73.2 | 70.0 | 51.0B | 12 |
| 13 | 50.9B | 41.5B | 70.0B | 210 B | 83.5 | 100 | 50.0 | 74.3 | 32.0 | 71.3 | 85.8 | 53.5B | 13 |
| 14 | 49.5B | 42.2B | 70.0B | 260 B | 82.1 | 120 | 64.8 | 69.5 | 31.9 | 68.2 | 82.8 | 54.5B | 14 |
| 15 | 48.5B | 43.0B | 70.2B | 300 B | 80.0 | 122 | 78.1 | 66.4 | 33.1 | 69.4 | 69.1 | 56.2B | 15 |
| 16 | 47.8B | 44.0B | 70.3B | 330 B | 76.4 | 115 | 82.0 | 63.7 | 32.5 | 68.8 | 58.8 | 55.1B | 16 |
| 17 | 46.8B | 44.8B | 71.0B | 359 | 72.5 | 105 | 82.7 | 60.7 | 32.7 | 69.4 | 60.8 | 56.0B | 17 |
| 18 | 46.0B | 45.7B | 72.5B | 403 | 70.2 | 97.6 | 81.8 | 57.5 | 31.5 | 69.0 | 68.1 | 55.0B | 18 |
| 19 | 45.4B | 46.4B | 75.0B | 426 | 69.0 | 122 | 85.3 | 55.0 | 29.7 | 129 | 75.5 | 53.4B | 19 |
| 20 | 44.4B | 47.5B | 80.0B | 420 | 66.5 | 138 | 105 | 54.4 | 28.6 | 145 | 73.4 | 52.4B | 20 |
| 21 | 43.8B | 48.3B | 87.0B | 408 | 64.8 | 127 | 130 | 55.1 | 27.9 | 139 | 89.5B | 52.1B | 21 |
| 22 | 42.8B | 49.5B | 97.0B | 391 | 69.5 | 109 | 137 | 55.6 | 27.8 | 128 | 87.0B | 51.5B | 22 |
| 23 | 42.0B | 50.8B | 100 B | 380 | 86.7 | 93.3 | 147 | 55.1 | 28.3 | 116 | 86.0B | 50.5B | 23 |
| 24 | 41.5B | 52.2B | 99.5B | 328 | 122 | 80.4 | 213 | 59.1 | 28.5 | 110 | 81.0B | 50.0B | 24 |
| 25 | 41.0B | 53.8B | 97.0B | 287 | 144 | 70.7 | 280 | 60.6 | 28.0 | 101 | 89.0B | 49.2B | 25 |
| 26 | 40.5B | 54.8B | 96.0B | 268 | 149 | 65.0 | 278 | 57.9 | 28.1 | 93.8 | 97.0B | 46.5B | 26 |
| 27 | 40.0B | 56.2B | 94.0B | 243 | 148 | 64.3 | 262 | 54.1 | 27.1 | 86.3 | 86.5B | 46.0B | 27 |
| 28 | 39.5B | 58.0B | 107 B | 223 | 149 | 69.0 | 215 | 51.0 | 26.1 | 85.8 | 85.3B | 47.5B | 28 |
| 29 | 39.0B | | 122 B | 208 | 148 | 69.1 | 182 | 47.0 | 25.2 | 83.3 | 85.0B | 46.8B | 29 |
| 30 | 38.3B | | 121 B | 202 | 146 | 66.5 | 156 | 44.5 | 26.0 | 80.7 | 84.5B | 45.2B | 30 |
| 31 | 37.5B | | 119 B | | 138 | | 138 | 41.4 | | 78.5 | | 45.8B | 31 |
| TOTAL | 1 508.1 | 1 235.4 | 2 515.3 | 6 985.0 | 3 542.2 | 3 132.6 | 3 345.2 | 2 698.7 | 927.7 | 2 558.8 | 2 039.1 | 1 542.5 | TOTAL |
| MEAN | 48.6 | 44.1 | 81.1 | 232 | 114 | 104 | 108 | 87.1 | 30.9 | 82.5 | 68.0 | 49.8 | MEAN |
| MAX | 63.0 | 58.0 | 132 | 426 | 193 | 147 | 280 | 206 | 39.5 | 145 | 87.0 | 56.2 | MAX |
| MIN | 37.5 | 36.1 | 60.5 | 82.5 | 64.8 | 64.3 | 41.1 | 41.4 | 26.0 | 25.5 | 54.5 | 44.0 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.7
MAXIMUM DAILY, 426 ON APR 19
MINIMUM DAILY, 25.5 ON OCT 1
MAXIMUM INSTANTANEOUS,
439 AT 16:57 EST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 19 07 N
LONG 80 02 25 W
DRAINAGE AREA, 11 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 130 000 | JUL | 288 000 |
| FEB | 107 000 | AUG | 233 000 |
| MAR | 217 000 | SEP | 80 200 |
| APR | 802 000 | OCT | 331 000 |
| MAY | 306 000 | NOV | 176 000 |
| JUN | 271 000 | DEC | 133 000 |

TOTAL DISCHARGE, 2 770 000 dam³

## GULL RIVER AT NORLAND - STATION NO. 02HF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.5 | 11.2 | 9.12 | 25.9 | 9.27 | 11.4 | 12.2 | 12.6 | 14.1 | 8.72 | 8.58 | 10.3 | 1 |
| 2 | 14.5 | 11.1 | 9.43 | 25.9 | 9.04 | 11.9 | 12.2 | 13.5 | 13.6 | 11.7 | 8.34 | 10.3 | 2 |
| 3 | 14.3 | 11.2 | 9.54 | 25.3 | 8.76 | 11.9 | 12.3 | 14.0 | 13.0 | 13.1 | 8.33 | 10.4 | 3 |
| 4 | 14.2 | 11.5 | 9.57 | 24.9 | 8.42 | 12.2 | 12.8 | 14.1 | 13.0 | 12.4 | 8.35 | 10.3 | 4 |
| 5 | 14.0 | 11.7 | 9.55 | 27.5 | 10.7 | 12.3 | 12.8 | 13.9 | 13.2 | 11.7 | 8.38 | 10.1 | 5 |
| 6 | 13.8 | 11.9 | 9.57 | 30.9 | 13.2 | 12.4 | 12.7 | 13.5 | 13.5 | 8.96 | 8.398 | 9.95 | 6 |
| 7 | 13.7 | 12.0 | 9.49 | 40.0 | 13.6 | 12.3 | 12.9 | 13.3 | 13.9 | 7.07 | 8.488 | 9.60 | 7 |
| 8 | 13.5 | 12.2 | 9.55 | 42.8 | 15.3 | 12.3 | 13.0 | 13.6 | 14.2 | 7.58 | 8.31 | 9.18 | 8 |
| 9 | 13.4 | 12.2 | 9.77 | 41.4 | 17.3 | 12.5 | 13.7 | 13.6 | 14.4 | 10.4 | 8.62 | 9.26 | 9 |
| 10 | 13.5 | 12.3 | 9.95 | 38.9 | 17.8 | 12.4 | 12.6 | 13.9 | 14.5 | 11.7 | 8.40 | 9.39 | 10 |
| 11 | 13.4 | 12.1 | 10.2 | 36.5 | 18.7 | 12.2 | 12.8 | 13.6 | 14.4 | 10.6 | 8.38 | 9.58 | 11 |
| 12 | 13.2 | 11.8 | 10.5 | 34.6 | 19.7 | 12.0 | 13.4 | 13.3 | 14.3 | 8.95 | 8.38 | 10.0 | 12 |
| 13 | 13.1 | 11.4 e | 10.5 | 26.5 | 17.2 | 12.0 | 12.5 | 13.1 | 14.1 | 8.46 | 8.26 | 10.8 | 13 |
| 14 | 13.0 | 11.3 e | 10.5 | 14.7 | 15.4 | 11.8 | 13.2 | 14.8 | 14.0 | 8.95 | 8.18 | 10.8 | 14 |
| 15 | 12.9 | 11.1 e | 10.3 | 8.76 | 14.4 | 11.9 | 13.2 | 15.2 | 13.8 | 8.99 | 8.16 | 11.4 e | 15 |
| 16 | 12.7 | 10.8 e | 10.1 | 8.67 | 12.9 | 11.7 | 13.1 | 14.4 | 13.0 | 9.15 | 8.17 | 12.1 | 16 |
| 17 | 12.8 | 10.7 e | 9.79 | 8.82 | 12.9 | 11.6 | 13.4 | 13.9 | 12.7 | 9.02 | 8.08 | 12.3 | 17 |
| 18 | 12.5 | 10.5 | 9.57 | 10.3 | 13.0 | 11.3 | 13.8 | 14.0 | 12.8 | 8.78 | 8.38 | 12.4 | 18 |
| 19 | 12.5 | 10.3 | 9.41 | 10.3 | 13.7 | 12.0 | 13.5 | 14.6 | 12.5 | 8.56 | 8.22 | 12.6 | 19 |
| 20 | 12.4 | 10.1 | 9.32 | 10.1 | 14.8 | 13.1 | 13.4 | 14.8 | 12.4 | 8.88 | 8.328 | 13.0 | 20 |
| 21 | 12.5 | 9.92 | 9.28 | 9.83 | 14.6 | 12.8 | 13.1 | 14.4 | 12.3 | 8.80 | 8.158 | 13.8 | 21 |
| 22 | 12.4 | 9.92 | 9.59 | 9.44 | 13.6 | 12.3 | 13.2 | 14.2 | 12.1 | 8.67 | 8.048 | 14.2 | 22 |
| 23 | 12.38 | 9.78 | 10.0 | 9.28 | 13.0 | 11.8 | 14.0 | 14.1 | 8.15 | 7.02 | 8.88 | 14.5 | 23 |
| 24 | 12.38 | 9.08 | 10.8 | 9.34 | 12.5 | 11.4 | 14.1 | 13.8 | 7.70 | 7.04 | 8.18 | 14.8 | 24 |
| 25 | 12.18 | 7.97 | 12.1 | 9.17 | 12.0 | 11.5 | 13.9 | 13.8 | 10.4 | 7.15 | 7.22 | 14.7 | 25 |
| 26 | 11.98 | 8.47 | 14.0 | 9.04 | 11.8 | 11.8 | 13.1 | 13.5 | 12.2 | 8.88 | 8.30 | 14.8 | 26 |
| 27 | 11.88 | 8.69 | 17.5 | 8.97 | 11.8 | 11.8 | 12.8 | 13.8 | 11.5 | 8.95 | 8.77 | 14.8 | 27 |
| 28 | 11.78 | 8.73 | 19.9 | 9.23 | 12.0 | 11.8 | 12.7 | 13.6 | 11.2 | 7.10 | 8.78 | 14.8 | 28 |
| 29 | 11.7 | | 20.2 | 9.41 | 11.9 | 11.8 | 12.3 | 13.8 | 9.02 | 8.80 | 10.0 | 14.8 e | 29 |
| 30 | 11.4 | | 21.4 | 9.44 | 11.2 | 12.2 | 13.4 | 13.9 | 8.17 | 7.01 | 10.1 | 14.6 | 30 |
| 31 | 11.5 | | 24.4 | | 11.1 | | 13.8 | 14.2 | | 8.88 | | 14.5 | 31 |
| TOTAL | 399.6 | 298.89 | 384.91 | 586.98 | 411.07 | 359.8 | 402.8 | 430.7 | 374.84 | 270.28 | 207.06 | 373.78 | TOTAL |
| MEAN | 12.9 | 10.7 | 11.6 | 19.6 | 13.3 | 12.0 | 13.0 | 13.9 | 12.5 | 8.72 | 8.80 | 12.0 | MEAN |
| MAX | 14.5 | 12.3 | 24.4 | 42.8 | 18.7 | 13.1 | 14.1 | 15.2 | 14.5 | 13.1 | 10.1 | 14.7 | MAX |
| MIN | 11.4 | 7.97 | 9.12 | 8.67 | 8.42 | 11.3 | 12.2 | 12.6 | 7.70 | 6.80 | 6.84 | 9.16 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.3
MAXIMUM DAILY, 42.8 ON APR 6
MINIMUM DAILY, 5.98 ON NOV 23
MAXIMUM INSTANTANEOUS,
48.4 AT 10:36 EST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 55 N
LONG 78 48 08 W
DRAINAGE AREA, 1 280 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 34 500 | JUL | 34 800 |
| FEB | 25 800 | AUG | 37 200 |
| MAR | 31 500 | SEP | 32 400 |
| APR | 50 700 | OCT | 23 400 |
| MAY | 35 500 | NOV | 17 900 |
| JUN | 31 100 | DEC | 32 200 |

TOTAL DISCHARGE, 367 000 dam³

## HALFWAY CREEK AT MOOSONEE - STATION NO. 04KA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.1308 | 0.0918 | 0.0718 | 0.0908 | 4.26 | 3.36 | 0.880 | 0.747 | 1.43 | 0.573 | 0.848 | 0.670 | 1 |
| 2 | 0.1278 | 0.0918 | 0.0718 | 0.0848 | 3.76 | 2.90 | 0.804 | 0.783 | 1.69 | 0.638 | 0.820 | 0.600 | 2 |
| 3 | 0.1288 | 0.0908 | 0.0708 | 0.092 | 3.32 | 2.51 | 0.594 | 2.22 | 1.71 | 0.707 | 0.827 | 0.553 | 3 |
| 4 | 0.1238 | 0.0898 | 0.0708 | 0.0868 | 3.03 | 2.39 | 0.483 | 4.67 | 1.53 | 0.705 | 0.973 | 0.5158 | 4 |
| 5 | 0.1218 | 0.0888 | 0.0708 | 0.097 | 2.98 | 2.33 | 0.424 | 4.46 | 1.37 | 0.659 | 1.22 | 0.4808 | 5 |
| 6 | 0.1208 | 0.0878 | 0.0708 | 0.100 | 2.88 | 2.17 | 0.385 | 3.84 | 1.40 | 0.676 | 0.868 | 0.451 | 6 |
| 7 | 0.1198 | 0.0868 | 0.0708 | 0.102 | 2.75 | 1.97 | 0.384 | 3.00 | 1.80 | 0.708 | 1.21 | 0.4338 | 7 |
| 8 | 0.1188 | 0.0858 | 0.0688 | 0.107 | 2.64 | 1.78 | 0.343 | 2.53 | 1.92 | 0.772 | 1.12 | 0.4158 | 8 |
| 9 | 0.1158 | 0.0848 | 0.0688 | 0.111 | 2.41 | 1.62 | 0.318 | 2.18 | 1.78 | 0.788 | 0.808 | 0.4058 | 9 |
| 10 | 0.1148 | 0.0848 | 0.0688 | 0.111 | 2.35 | 1.47 | 0.298 | 2.01 | 1.80 | 0.731 | 0.790 | 0.386 | 10 |
| 11 | 0.1128 | 0.0838 | 0.0688 | 0.114 | 2.32 | 1.38 | 0.308 | 2.12 | 1.61 | 0.688 | 0.748 | 0.385 | 11 |
| 12 | 0.1108 | 0.0838 | 0.0678 | 0.135 | 2.40 | 1.23 | 0.344 | 1.95 | 1.47 | 0.694 | 0.724 | 0.384 | 12 |
| 13 | 0.1098 | 0.0828 | 0.0678 | 0.185 | 2.38 | 1.11 | 0.588 | 2.05 | 1.81 | 0.810 | 0.679 | 0.3848 | 13 |
| 14 | 0.1088 | 0.0818 | 0.0678 | 0.239 | 2.35 | 1.02 | 0.677 | 2.19 | 1.80 | 0.810 | 0.648 | 0.387 | 14 |
| 15 | 0.1068 | 0.0808 | 0.0668 | 0.587 | 2.21 | 0.920 | 0.839 | 3.00 | 1.87 | 0.817 | 0.583 | 0.391 | 15 |
| 16 | 0.1078 | 0.0808 | 0.0668 | 1.23 | 2.02 | 0.884 | 0.538 | 3.28 | 1.48 | 0.817 | 0.801 | 0.378 | 16 |
| 17 | 0.1068 | 0.0788 | 0.0668 | 1.80 | 1.87 | 0.934 | 0.482 | 3.09 | 1.30 | 0.811 | 0.826 | 0.356 | 17 |
| 18 | 0.1048 | 0.0778 | 0.0658 | 2.37 | 1.73 | 0.984 | 0.655 | 3.11 | 1.18 | 1.05 | 1.28 | 0.336 | 18 |
| 19 | 0.1038 | 0.0778 | 0.0658 | 2.83 | 1.59 | 1.29 | 0.383 | 2.68 | 1.08 | 1.12 | 1.54 | 0.328 | 19 |
| 20 | 0.1028 | 0.0758 | 0.0658 | 3.44 | 1.48 | 1.19 | 0.699 | 2.25 | 0.982 | 1.12 | 1.39 | 0.3158 | 20 |
| 21 | 0.1018 | 0.0768 | 0.0678 | 3.91 | 1.55 | 1.01 | 0.918 | 2.02 | 0.914 | 1.08 | 1.25 | 0.3108 | 21 |
| 22 | 0.1008 | 0.0758 | 0.0648 | 4.00 | 1.79 | 0.837 | 1.03 | 1.87 | 0.823 | 1.05 | 1.15 | 0.3058 | 22 |
| 23 | 0.0988 | 0.0748 | 0.0698 | 3.98 | 2.08 | 0.722 | 1.48 | 1.78 | 0.740 | 0.974 | 1.08 | 0.3008 | 23 |
| 24 | 0.0988 | 0.0748 | 0.0718 | 3.66 | 2.17 | 0.640 | 2.30 | 1.74 | 0.705 | 0.824 | 0.955 | 0.2958 | 24 |
| 25 | 0.0978 | 0.0748 | 0.0808 | 3.37 | 2.07 | 0.584 | 2.21 | 1.74 | 0.670 | 0.689 | 0.936 | 0.2908 | 25 |
| 26 | 0.0968 | 0.0738 | 0.0888 | 3.13 | 1.85 | 0.677 | 1.81 | 1.66 | 0.615 | 0.968 | 0.9008 | 0.2858 | 26 |
| 27 | 0.0968 | 0.0738 | 0.0978 | 3.11 | 1.94 | 0.695 | 1.48 | 1.47 | 0.628 | 0.850 | 0.8508 | 0.2818 | 27 |
| 28 | 0.0958 | 0.0728 | 0.1048 | 3.39 | 2.00 | 0.811 | 1.26 | 1.32 | 0.589 | 0.919 | 0.8008 | 0.2788 | 28 |
| 29 | 0.0948 | | 0.1068 | 4.00 | 2.15 | 0.711 | 1.09 | 1.22 | 0.591 | 1.01 | 0.7808 | 0.2708 | 29 |
| 30 | 0.0938 | | 0.1028 | 4.41 | 3.72 | 0.651 | 0.979 | 1.13 | 0.885 | 0.970 | 0.7208 | 0.266 | 30 |
| 31 | 0.0928 | | 0.0958 | | 3.81 | | 0.878 | 1.22 | | 0.914 | | 0.251 | 31 |
| TOTAL | 3.343 | 2.263 | 2.311 | 50.880 | 76.56 | 40.980 | 25.447 | 67.086 | 37.403 | 25.204 | 28.111 | 11.737 | TOTAL |
| MEAN | 0.108 | 0.081 | 0.075 | 1.70 | 2.47 | 1.37 | 0.821 | 2.16 | 1.25 | 0.813 | 0.937 | 0.379 | MEAN |
| MAX | 0.130 | 0.091 | 0.106 | 4.41 | 4.26 | 3.36 | 2.30 | 4.67 | 1.92 | 1.13 | 1.54 | 0.670 | MAX |
| MIN | 0.092 | 0.072 | 0.066 | 0.084 | 1.48 | 0.584 | 0.298 | 0.747 | 0.691 | 0.573 | 0.563 | 0.251 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.02
MAXIMUM DAILY, 4.67 ON AUG 4
MINIMUM DAILY, 0.0888 ON MAR 15
MAXIMUM INSTANTANEOUS
5.04 AT 15:53 EST ON AUG 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 16 N
LONG 80 39 14 W
DRAINAGE AREA, 133 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 288 | JUL | 2 200 |
| FEB | 198 | AUG | 5 800 |
| MAR | 200 | SEP | 3 230 |
| APR | 4 400 | OCT | 2 180 |
| MAY | 6 810 | NOV | 2 430 |
| JUN | 3 540 | DEC | 1 010 |

TOTAL DISCHARGE, 32 100 dam³

## HARMONY CREEK AT OSHAWA - STATION NO. 02HD013

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.464 | 0.1088 | 8.00 B | 1.26 B | 0.138 | 0.809 | 0.029 | 0.026 | 0.047 | 0.218 | 0.110 | 0.769 | 1 |
| 2 | 0.440 | 0.1808 | 5.20 B | 2.47 | 0.121 | 0.097 | 0.037 | 0.824 | 0.038 | 0.166 | 0.114 | 0.526 | 2 |
| 3 | 0.3708 | 0.2458 | 1.36 B | 1.88 | 0.093 | 0.075 | 0.336 | 0.100 | 0.030 | 0.096 | 0.281 | 0.485 | 3 |
| 4 | 0.3208 | 0.1408 | 1.00 B | 3.78 | 0.100 | 0.054 | 0.082 | 0.075 | 0.027 | 0.080 | 0.180 | 0.356 | 4 |
| 5 | 0.2808 | 0.1108 | 0.7208 | 2.51 | 0.079 | 0.089 | 0.040 | 0.036 | 0.025 | 0.073 | 0.149 | 0.314 | 5 |
| 6 | 0.276 | 0.1058 | 1.20 B | 1.28 | 0.076 | 0.074 | 0.030 | 0.026 | 0.027 | 0.068 | 0.128 | 0.2418 | 6 |
| 7 | 0.318 | 0.1038 | 2.00 B | 0.811 | 0.088 | 0.484 | 0.095 | 0.027 | 0.029 | 0.450 | 0.201 | 0.2288 | 7 |
| 8 | 0.2818 | 0.1808 | 3.20 B | 0.574 | 0.083 | 0.236 | 0.831 | 0.023 | 1.13 | 0.235 | 0.885 | 0.2248 | 8 |
| 9 | 0.263 | 0.2108 | 1.40 B | 0.488 | 0.077 | 0.080 | 0.092 | 0.885 | 0.184 | 0.120 | 0.628 | 0.546 | 9 |
| 10 | 0.306 | 0.1408 | 0.9008 | 0.385 | 0.074 | 0.055 | 0.041 | 0.083 | 0.056 | 0.087 | 0.315 | 0.532 | 10 |
| 11 | 0.312 | 0.1258 | 0.3318 | 0.336 | 0.124 | 0.067 | 0.033 | 0.040 | 0.041 | 0.097 | 0.2568 | 0.427 | 11 |
| 12 | 0.307 | 0.1178 | 0.3328 | 0.488 | 0.081 | 0.192 | 0.029 | 0.028 | 0.065 | 0.094 | 0.217 | 0.886 | 12 |
| 13 | 0.285 | 0.1108 | 0.3148 | 0.510 | 0.082 | 0.068 | 0.030 | 0.030 | 0.849 | 0.083 | 0.186 | 0.500 | 13 |
| 14 | 0.2718 | 0.1078 | 0.3198 | 0.387 | 0.203 | 0.055 | 0.749 | 0.027 | 0.188 | 0.071 | 0.178 | 0.358 | 14 |
| 15 | 0.4618 | 0.1088 | 0.3258 | 0.385 | 0.133 | 0.037 | 0.082 | 0.027 | 0.083 | 0.066 | 0.168 | 1.12 | 15 |
| 16 | 0.2878 | 0.1058 | 0.3408 | 0.283 | 0.077 | 0.035 | 0.035 | 0.026 | 0.043 | 0.069 | 0.157 | 1.45 | 16 |
| 17 | 0.2208 | 0.1058 | 0.3708 | 0.267 | 0.081 | 0.033 | 0.029 | 0.288 | 0.068 | 0.238 | 0.336 | 0.8858 | 17 |
| 18 | 0.2028 | 0.1088 | 0.4008 | 0.238 | 0.068 | 0.032 | 0.028 | 0.057 | 1.05 | 0.113 | 0.340 | 0.4708 | 18 |
| 19 | 0.1808 | 0.1058 | 0.487 | 0.221 | 0.068 | 0.031 | 0.037 | 0.030 | 0.288 | 0.062 | 0.253 | 0.384 | 19 |
| 20 | 0.1708 | 0.1088 | 0.523 | 0.202 | 0.068 | 0.028 | 0.813 | 0.028 | 0.614 | 0.078 | 0.2028 | 4.19 | 20 |
| 21 | 0.1558 | 0.1058 | 0.525 | 0.181 | 0.068 | 0.030 | 0.038 | 0.030 | 1.18 | 0.088 | 0.1888 | 2.11 | 21 |
| 22 | 0.1458 | 0.1258 | 0.654 | 0.158 | 0.080 | 0.780 | 0.033 | 0.084 | 0.203 | 0.194 | 0.151 | 0.882 | 22 |
| 23 | 0.1388 | 0.1808 | 0.681 | 0.180 | 0.078 | 0.073 | 0.029 | 0.033 | 0.138 | 0.478 | 0.183 | 0.720 | 23 |
| 24 | 0.1308 | 0.1208 | 0.526 | 0.182 | 0.080 | 0.038 | 0.039 | 0.025 | 0.080 | 0.424 | 0.183 | 0.824 | 24 |
| 25 | 0.1258 | 0.1088 | 0.695 | 0.135 | 0.068 | 0.034 | 0.089 | 0.022 | 0.083 | 0.287 | 1.38 | 2.87 | 25 |
| 26 | 0.1228 | 0.1038 | 0.986 | 0.125 | 0.064 | 0.385 | 0.030 | 0.021 | 0.058 | 0.155 | 1.40 | 1.03 | 26 |
| 27 | 0.1188 | 0.1038 | 0.855 | 0.324 | 0.072 | 0.081 | 0.018 | 0.022 | 0.128 | 0.558 | 0.822 | 0.5788 | 27 |
| 28 | 0.1188 | 0.1038 | 0.533 | 0.239 | 0.884 | 0.081 | 0.020 | 0.067 | 0.240 | 0.284 | 0.448 | 0.3728 | 28 |
| 29 | 0.1128 | | 0.494 | 0.187 | 0.127 | 0.100 | 0.042 | 0.134 | 0.150 | 0.185 | 4.01 | 0.3408 | 29 |
| 30 | 0.1108 | | 1.41 B | 0.155 | 0.158 | 0.038 | 0.181 | 0.027 | 0.128 | 0.188 | 1.70 | 0.2008 | 30 |
| 31 | 0.1088 | | 1.43 B | | 0.089 | | 0.028 | 0.435 | | 0.141 | | 0.1728 | 31 |
| TOTAL | 7.396 | 3.528 | 37.087 | 20.621 | 3.381 | 4.081 | 3.611 | 3.389 | 7.015 | 5.592 | 15.710 | 24.220 | TOTAL |
| MEAN | 0.239 | 0.126 | 1.20 | 0.684 | 0.108 | 0.136 | 0.116 | 0.110 | 0.234 | 0.180 | 0.524 | 0.781 | MEAN |
| MAX | 0.464 | 0.245 | 8.00 | 3.78 | 0.684 | 0.780 | 0.748 | 0.824 | 1.15 | 0.558 | 4.01 | 4.19 | MAX |
| MIN | 0.109 | 0.103 | 0.318 | 0.125 | 0.055 | 0.029 | 0.019 | 0.021 | 0.025 | 0.066 | 0.110 | 0.172 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.371
MAXIMUM DAILY, 8.00B ON MAR 1
MINIMUM DAILY, 0.019 ON JUL 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 15 N
LONG 78 49 30 W
DRAINAGE AREA, 41.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 839 | JUL | 312 |
| FEB | 396 | AUG | 284 |
| MAR | 3 200 | SEP | 606 |
| APR | 1 770 | OCT | 483 |
| MAY | 290 | NOV | 1 350 |
| JUN | 351 | DEC | 2 090 |

TOTAL DISCHARGE, 11 700 dam³

## HARRIS RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA013

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.578 | 0.9908 | 0.5008 | 22.8 | 3.37 | 0.529 | --- | --- | --- | --- | --- | --- | 1 |
| 2 | 1.548 | 0.9708 | 0.5158 | 25.4 | 3.13 | 0.527 | --- | --- | --- | --- | --- | --- | 2 |
| 3 | 1.518 | 0.9558 | 0.5258 | 27.0 | 2.87 | 0.537 | --- | --- | --- | --- | --- | --- | 3 |
| 4 | 1.488 | 0.9308 | 0.5308 | 27.4 | 2.58 | 0.537 | --- | --- | --- | --- | --- | --- | 4 |
| 5 | 1.468 | 0.9058 | 0.5308 | 27.3 | 2.32 | 0.546 | --- | --- | --- | --- | --- | --- | 5 |
| 6 | 1.428 | 0.9008 | 0.5258 | 27.2 | 2.02 | 0.589 | --- | --- | --- | --- | --- | --- | 6 |
| 7 | 1.378 | 0.9058 | 0.5208 | 27.2 | 1.41 | 0.636 | --- | --- | --- | --- | --- | --- | 7 |
| 8 | 1.348 | 0.9208 | 0.5358 | 26.3 | 1.40 | 0.880 | --- | --- | --- | --- | --- | --- | 8 |
| 9 | 1.288 | 0.9358 | 0.5908 | 24.8 | 1.17 | 0.958 | --- | --- | --- | --- | --- | --- | 9 |
| 10 | 1.258 | 0.9458 | 0.6908 | 23.5 | 1.04 | 0.909 | --- | --- | --- | --- | --- | --- | 10 |
| 11 | 1.238 | 0.9458 | 0.7808 | 22.7 | 0.919 | 0.778 | --- | --- | --- | --- | --- | --- | 11 |
| 12 | 1.208 | 0.9408 | 0.9308 | 21.8 | 0.790 | 0.580 | --- | --- | --- | --- | --- | --- | 12 |
| 13 | 1.178 | 0.9308 | 1.03 B | 21.1 | 0.811 | 0.467 | --- | --- | --- | --- | --- | --- | 13 |
| 14 | 1.158 | 0.9258 | 1.13 B | 20.4 | 0.501 | 0.467 | --- | --- | --- | --- | --- | --- | 14 |
| 15 | 1.148 | 0.9208 | 1.22 B | 19.6 | 0.586 | 0.404 | --- | --- | --- | --- | --- | --- | 15 |
| 16 | 1.128 | 0.9058 | 1.28 B | 18.3 | 0.458 | 0.833 | --- | --- | --- | --- | --- | --- | 16 |
| 17 | 1.098 | 0.8808 | 1.31 B | 16.7 | 0.433 | 0.861 | --- | --- | --- | --- | --- | --- | 17 |
| 18 | 1.068 | 0.8508 | 1.33 B | 15.0 | 0.425 | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | 1.048 | 0.8258 | 1.35 B | 13.4 | 0.382 | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | 1.028 | 0.7758 | 1.39 B | 11.5 | 0.400 | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | 1.018 | 0.7308 | 1.44 B | 10.1 | 0.402 | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | 1.018 | 0.6758 | 1.62 | 8.92 | 0.500 | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | 1.018 | 0.6308 | 1.84 | 7.93 | 0.550 | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | 1.018 | 0.5908 | 2.33 | 7.24 | 0.509 | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | 1.028 | 0.5418 | 3.12 | 6.26 | 0.462 | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | 1.038 | 0.5358 | 4.36 | 5.54 | 0.430 | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | 1.038 | 0.5158 | 5.83 | 5.05 | 0.487 | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | 1.038 | 0.4858 | 7.87 | 4.79 | 0.502 | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | 1.038 | | 10.7 | 4.33 | 0.468 | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | 1.028 | | 15.0 | 3.77 | 0.451 | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | 1.018 | | 20.1 | | 0.486 | | --- | --- | --- | --- | | --- | 31 |
| TOTAL | 36.64 | 22.961 | 92.430 | 503.53 | 32.520 | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 1.18 | 0.820 | 2.98 | 16.8 | 1.05 | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 1.57 | 0.990 | 20.1 | 27.4 | 3.37 | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 1.01 | 0.485 | 0.500 | 3.77 | 0.382 | --- | --- | --- | --- | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 27.4 ON APR 4

MAXIMUM INSTANTANEOUS,
27.5 AT 14:56 EST ON APR 4

REMARKS - STATION DISCONTINUED JUN 17 1987

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 41 15 N
LONG 80 26 22 W
DRAINAGE AREA, 35.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 170 | JUL | --- |
| FEB | 1 880 | AUG | --- |
| MAR | 7 880 | SEP | --- |
| APR | 43 800 | OCT | --- |
| MAY | 2 810 | NOV | --- |
| JUN | --- | DEC | --- |

## HIGHLAND CREEK NEAR WEST HILL - STATION NO. 02HC013

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.821 | 0.980B | 11.0 E | 2.57 | 0.547 | 1.54 | 0.481 | 0.397 | 1.95 E | 0.460 | 0.420E | 0.942 | 1 |
| 2 | 0.800B | 0.900B | 5.42 E | 4.23 | 0.534 | 0.649 | 0.529 | 1.88 | 0.500E | 0.831 | 0.405E | 0.832 | 2 |
| 3 | 0.780B | 0.800B | 1.42 E | 1.82 | 0.502 | 0.542 | 1.95 | 1.08 | 0.420E | 0.438 | 0.700E | 0.788 | 3 |
| 4 | 0.760B | 0.720B | 0.846E | 5.80 | 0.506 | 0.484 | 1.12 | 1.39 | 0.370E | 0.412 | 0.486A | 0.754 | 4 |
| 5 | 0.750B | 0.650B | 0.711E | 4.89 | 0.486 | 0.530 | 0.456 | 0.713 | 0.350E | 0.411 | 0.411 | 0.831 | 5 |
| 6 | 0.725 | 0.590B | 0.800E | 3.69 | 0.503 | 0.506 | 0.735 | 0.439 | 0.345E | 0.422 | 0.398 | 0.583 | 6 |
| 7 | 0.845 | 0.560B | 1.50 E | 2.38 | 0.470 | 2.13 | 3.09 | 0.423 | 0.344E | 2.03 | 0.407 | 0.6658 | 7 |
| 8 | 0.736 | 0.670B | 3.00 E | 1.06 | 0.445 | 1.51 | 2.90 | 0.428 | 0.900E | 2.47 | 2.02 | 0.679 | 8 |
| 9 | 0.705 | 0.630B | 1.50 E | 0.925 | 0.477 | 0.542 | 0.880 | 3.68 | 0.550A | 0.800 | 2.18 | 1.89 | 9 |
| 10 | 0.900 | 0.590B | 0.800E | 0.835 | 0.455 | 0.473 | 0.787 | 1.36 | 0.469 | 0.429 | 0.488 | 0.909 | 10 |
| 11 | 0.984 | 0.580B | 1.20 E | 0.804 | 0.701 | 0.486 | 0.803 | 0.481 | 1.13 | 0.395 | 0.418 | 0.681 | 11 |
| 12 | 1.05 E | 0.536B | 1.23 E | 3.24 | 0.505 | 1.22 | 0.501 | 0.390 | 0.707 | 0.393 | 0.425 | 1.13 | 12 |
| 13 | 0.995E | 0.520B | 0.720A | 1.54 | 0.437 | 2.13 | 1.30 | 0.378 | 4.30 | 0.384 | 0.445 | 0.812 | 13 |
| 14 | 1.03 E | 0.505B | 0.896 | 0.837 | 1.13 | 0.532 | 4.88 | 0.380 | 0.852 | 0.387 | 0.383 | 0.589 | 14 |
| 15 | 2.89 E | 0.520B | 0.886 | 1.11 | 1.18 | 0.489 | 0.884 | 0.371 | 0.496 | 0.387 | 0.383 | 4.47 | 15 |
| 16 | 1.05 | 0.540B | 0.851 | 0.822 | 0.482 | 0.480 | 0.493 | 0.402E | 0.443 | 0.389 | 0.374 | 2.85 | 16 |
| 17 | 1.00 | 0.560B | 0.712 | 0.875 | 0.482 | 0.461 | 0.494 | 0.478E | 1.55 | 0.554E | 1.18 | 0.886 | 17 |
| 18 | 0.771 | 0.580B | 0.881 | 0.888 | 0.482 | 0.486 | 0.480 | 0.733E | 4.87 | 0.802E | 0.878 | 0.7188 | 18 |
| 19 | 0.814 | 0.520B | 0.896 | 0.871 | 0.481 | 0.472 | 0.483 | 0.517E | 2.83 | 0.550E | 0.414 | 0.853 | 19 |
| 20 | 0.847 | 0.610 | 0.866 | 0.822 | 0.447 | 0.483 | 4.40 | 0.417E | 2.48 | 0.442E | 0.474 | 10.8 E | 20 |
| 21 | 0.832 | 0.646 | 0.867 | 0.836 | 0.435 | 0.611 | 0.535 | 0.350E | 8.07 | 0.412E | 0.428 | 2.18 | 21 |
| 22 | 0.822 | 0.642 | 0.882 | 0.587 | 0.437 | 3.14 | 0.458 | 0.348E | 3.23 | 0.418E | 0.430 | 1.10 | 22 |
| 23 | 0.756 | 0.686 | 0.876 | 0.814 | 0.500 | 0.804 | 0.480 | 0.327E | 0.718 | 1.00 E | 0.382 | 0.989 | 23 |
| 24 | 0.6008 | 0.662 | 0.887 | 0.648 | 0.442 | 0.504 | 0.522 | 0.328E | 0.536 | 1.70 E | 0.401 | 0.839 | 24 |
| 25 | 0.5408 | 0.789 | 1.04 | 0.884 | 0.408 | 0.512 | 0.749 | 0.318E | 0.493 | 1.40 E | 10.4 E | 2.77 | 25 |
| 26 | 0.5808 | 0.786 | 1.30 | 0.888 | 1.41 | 2.81 | 0.487 | 0.311E | 0.486 | 0.640E | 4.30 | 0.826 | 26 |
| 27 | 0.6008 | 0.746 | 0.786 | 1.74 | 11.7 | 0.848 | 0.450 | 0.327E | 0.618 | 0.800E | 1.14 | 0.892 | 27 |
| 28 | 0.5808 | 0.786 | 0.883 | 1.03 | 1.80 | 0.671 | 0.468 | 0.358E | 1.59 | 1.25 E | 0.902 | 0.876 | 28 |
| 29 | 0.7408 | | 0.714 | 0.594 | 0.845 | 0.488 | 0.478 | 0.660E | 1.07 | 0.800E | 11.3 E | 0.6008 | 29 |
| 30 | 0.6808 | | 2.81 | 0.530 | 2.33 | 0.471 | 1.78 | 0.400E | 0.818 | 0.480E | 2.35 | 0.7608 | 30 |
| 31 | 0.8008 | | 1.76 | | 0.709 | | 0.436 | 0.800E | | 0.450E | | 0.7008 | 31 |
| TOTAL | 26.586 | 18.221 | 47.909 | 46.318 | 31.841 | 28.214 | 33.981 | 20.799 | 40.893 | 22.246 | 45.326 | 44.210 | TOTAL |
| MEAN | 0.858 | 0.651 | 1.55 | 1.54 | 1.03 | 0.874 | 1.10 | 0.671 | 1.37 | 0.718 | 1.51 | 1.43 | MEAN |
| MAX | 2.89 | 0.980 | 11.0 | 5.80 | 11.7 | 3.14 | 4.88 | 3.89 | 8.07 | 2.47 | 11.3 | 10.8 | MAX |
| MIN | 0.540 | 0.505 | 0.851 | 0.530 | 0.408 | 0.411 | 0.436 | 0.311 | 0.344 | 0.384 | 0.383 | 0.589 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.11
MAXIMUM DAILY 11.7 ON MAY 27
MINIMUM DAILY 0.311E ON AUG 26
MAXIMUM INSTANTANEOUS
89.8 AT 17.20 EST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 45 N
LONG 79 10 26 W
DRAINAGE AREA 38.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 300 | JUL | 2 940 |
| FEB | 1 570 | AUG | 1 800 |
| MAR | 4 140 | SEP | 3 540 |
| APR | 4 000 | OCT | 1 920 |
| MAY | 2 750 | NOV | 3 920 |
| JUN | 2 260 | DEC | 3 820 |

TOTAL DISCHARGE 35 000 dam³

## HOLLAND RIVER AT HOLLAND LANDING - STATION NO. 02EC008

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.06 | 0.728B | 2.208 | 3.16 | 0.781 | 0.944 | 0.372 | 0.280 | 0.289 | 0.325 | 0.411 | 2.82 | 1 |
| 2 | 1.04 | 0.785 | 5.108 | 3.41 | 0.874 | 1.87 | 0.358 | 1.81 | 0.291 | 0.277 | 0.387 | 1.84 | 2 |
| 3 | 0.9308 | 0.853 | 3.82 | 3.26 | 0.842 | 0.921 | 0.340 | 1.83 | 0.287 | 0.270 | 0.740 | 1.19 | 3 |
| 4 | 0.8558 | 0.850 | 3.16 | 3.98 | 0.548 | 0.714 | 0.317 | 0.649 | 0.244 | 0.265 | 0.859 | 0.997 | 4 |
| 5 | 0.826 | 0.896 | 1.90 | 18.5 | 0.681 | 0.854 | 0.315 | 0.445 | 0.238 | 0.254 | 0.687 | 0.830 | 5 |
| 6 | 0.821 | 0.726 | 2.17 | 10.4 | 0.586 | 0.920 | 0.826 | 0.402 | 0.243 | 0.241 | 1.21 | 0.7138 | 6 |
| 7 | 0.835 | 0.702 | 9.478 | 5.61 | 0.692 | 1.01 | 1.58 | 0.376 | 0.218 | 0.254 | 0.833 | 0.8508 | 7 |
| 8 | 0.827 | 0.711 | 14.5 B | 3.67 | 0.680 | 1.88 | 3.44 | 0.356 | 0.238 | 0.325 | 1.85 | 0.726 | 8 |
| 9 | 0.796 | 0.6748 | 8.818 | 2.61 | 0.645 | 0.777 | 10.8 | 1.29 | 0.240 | 0.334 | 2.52 | 1.82 | 9 |
| 10 | 0.832 | 0.5908 | 1.908 | 1.43 | 0.632 | 0.587 | 4.47 | 1.34 | 0.258 | 0.301 | 1.08 | 1.91 | 10 |
| 11 | 0.853 | 0.5408 | 1.708 | 1.58 | 0.621 | 0.603 | 2.80 | 0.609 | 0.289 | 0.320 | 0.891 | 1.27 | 11 |
| 12 | 0.836 | 0.5108 | 1.63 | 1.78 | 0.686 | 0.817 | 1.22 | 0.450 | 0.275 | 0.318 | 0.592 | 1.34 | 12 |
| 13 | 0.830 | 0.4908 | 1.47 | 2.88 | 0.652 | 0.587 | 1.80 | 0.406 | 0.261 | 0.300 | 0.571 | 1.23 | 13 |
| 14 | 0.883 | 0.4708 | 1.35 | 1.80 | 0.699 | 0.471 | 5.18 | 0.396 | 0.252 | 0.329 | 0.557 | 0.981 | 14 |
| 15 | 1.17 | 0.4608 | 1.358 | 2.39 | 0.894 | 0.446 | 3.13 | 0.385 | 0.255 | 0.313 | 0.517 | 0.9408 | 15 |
| 16 | 1.08 | 0.4408 | 1.308 | 1.51 | 0.849 | 0.393 | 1.48 | 0.354 | 0.354 | 0.322 | 0.513 | 0.9358 | 16 |
| 17 | 0.951 | 0.3758 | 1.38 | 1.36 | 0.821 | 0.337 | 0.901 | 0.394 | 0.371 | 0.344 | 0.956 | 0.9308 | 17 |
| 18 | 0.850 | 0.4708 | 1.808 | 1.31 | 0.637 | 0.306 | 0.868 | 0.381 | 0.436 | 0.495 | 3.31 | 0.9208 | 18 |
| 19 | 0.812 | 0.4608 | 2.108 | 1.15 | 0.609 | 0.284 | 0.670 | 0.314 | 0.480 | 0.421 | 1.34 | 0.908 | 19 |
| 20 | 0.897 | 0.5108 | 2.55 | 0.998 | 0.394 | 0.265 | 1.17 | 0.283 | 0.570 | 0.371 | 0.943 | 2.31 | 20 |
| 21 | 0.844 | 0.5558 | 2.80 | 0.934 | 0.407 | 0.242 | 0.661 | 0.251 | 1.90 | 0.385 | 0.6848 | 3.73 | 21 |
| 22 | 0.838 | 0.5758 | 3.00 | 0.834 | 0.451 | 1.68 | 0.503 | 0.226 | 1.31 | 0.342 | 0.527 | 2.10 | 22 |
| 23 | 0.828 | 0.7008 | 3.21 | 0.780 | 0.859 | 1.44 | 0.448 | 0.218 | 0.584 | 0.633 | 0.799 | 1.48 | 23 |
| 24 | 0.7808 | 0.6608 | 3.11 | 0.785 | 0.577 | 0.886 | 0.424 | 0.210 | 0.413 | 1.01 | 0.745 | 1.28 | 24 |
| 25 | 0.7608 | 0.6408 | 3.23 | 0.747 | 0.689 | 0.486 | 0.405 | 0.206 | 0.357 | 1.80 | 0.7388 | 3.82 | 25 |
| 26 | 0.7358 | 0.6108 | 3.88 | 0.853 | 0.711 | 0.498 | 0.400 | 0.204 | 0.332 | 0.672 | 0.7208 | 2.81 | 26 |
| 27 | 0.7058 | 0.5008 | 3.14 | 0.728 | 3.07 | 0.795 | 0.374 | 0.189 | 0.327 | 1.25 | 0.7158 | 1.40 B | 27 |
| 28 | 0.6908 | 0.6608 | 2.85 | 1.12 | 2.79 | 0.629 | 0.348 | 0.174 | 0.315 | 1.15 | 1.00 | 0.8008 | 28 |
| 29 | 0.6888 | | 2.32 | 1.00 | 1.19 | 0.803 | 0.292 | 0.172 | 0.321 | 0.600 | 5.15 | 0.5508 | 29 |
| 30 | 0.756 | | 3.71 | 0.879 | 0.785 | 0.615 | 0.296 | 0.175 | 0.331 | 0.495 | 5.80 | 0.4508 | 30 |
| 31 | 0.773 | | 3.89 | | 0.894 | | 0.293 | 0.246 | | 0.438 | | 0.3008 | 31 |
| TOTAL | 26.194 | 17.040 | 104.32 | 80.948 | 22.858 | 21.340 | 45.869 | 14.873 | 11.811 | 14.634 | 38.416 | 43.390 | TOTAL |
| MEAN | 0.845 | 0.609 | 3.37 | 2.70 | 0.738 | 0.711 | 1.48 | 0.483 | 0.397 | 0.472 | 1.28 | 1.40 | MEAN |
| MAX | 1.17 | 0.853 | 14.5 | 18.5 | 3.07 | 1.87 | 10.8 | 1.83 | 1.90 | 1.25 | 5.15 | 3.73 | MAX |
| MIN | 0.689 | 0.378 | 1.30 | 0.853 | 0.394 | 0.242 | 0.282 | 0.172 | 0.218 | 0.241 | 0.387 | 0.300 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.21
MAXIMUM DAILY 18.5 ON APR 5
MINIMUM DAILY 0.172 ON AUG 28
MAXIMUM INSTANTANEOUS
25.1 AT 21.34 EST ON MAR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 41 N
LONG 79 28 24 W
DRAINAGE AREA 161 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 260 | JUL | 3 960 |
| FEB | 1 470 | AUG | 1 290 |
| MAR | 3 010 | SEP | 1 030 |
| APR | 6 990 | OCT | 1 260 |
| MAY | 1 950 | NOV | 3 320 |
| JUN | 1 840 | DEC | 3 750 |

TOTAL DISCHARGE 38 100 dam³

## HORNER CREEK NEAR PRINCETON - STATION NO. 02CB006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.43 | 0.8708 | 1.01 | 7.11 | 1.03 | 1.80 | 0.367 | 0.280 | 0.313 | 0.343 | 1.56 | 4.07 | 1 |
| 2 | 2.27 | 0.8508 | 1.85 | 5.48 | 1.03 | 1.74 | 0.377 | 0.343 | 0.312 | 0.341 | 1.31 | 3.76 | 2 |
| 3 | 2.05 B | 0.8408 | 2.34 | 4.68 | 0.965 | 1.68 | 0.394 | 0.407 | 0.279 | 0.348 | 1.13 | 3.10 | 3 |
| 4 | 1.92 B | 0.8308 | 2.608 | 4.43 | 0.934 | 1.39 | 0.675 | 0.427 | 0.274 | 0.370 | 1.02 | 2.53 | 4 |
| 5 | 1.82 B | 0.8208 | 2.898 | 5.82 | 0.864 | 1.16 | 1.32 | 0.407 | 0.266 | 0.384 | 0.929 | 2.18 | 5 |
| 6 | 1.72 B | 0.8058 | 2.778 | 19.0 | 0.825 | 0.915 | 1.11 | 0.371 | 0.258 | 0.377 | 0.883 | 1.93 | 6 |
| 7 | 1.67 | 0.7958 | 3.37 | 14.3 | 0.783 | 0.792 | 0.936 | 0.347 | 0.272 | 0.355 | 0.855 | 1.71 | 7 |
| 8 | 1.67 | 0.7808 | 5.05 | 7.78 | 0.788 | 0.726 | 1.32 | 0.330 | 0.256 | 0.358 | 0.787 | 1.55 | 8 |
| 9 | 1.60 | 0.7758 | 13.8 | 5.41 | 0.747 | 0.782 | 1.46 | 0.503 | 0.251 | 0.382 | 0.818 | 1.58 | 9 |
| 10 | 1.56 | 0.7608 | 15.5 | 4.08 | 0.715 | 0.703 | 1.47 | 0.554 | 0.246 | 0.386 | 0.870 | 2.00 | 10 |
| 11 | 1.55 | 0.7508 | 11.3 | 3.41 | 0.751 | 0.595 | 1.49 | 0.883 | 0.287 | 0.387 | 0.957 | 2.82 | 11 |
| 12 | 1.50 | 0.7408 | 5.88 | 3.10 | 0.707 | 0.544 | 1.87 | 0.868 | 0.302 | 0.370 | 0.885 | 2.80 | 12 |
| 13 | 1.40 | 0.7308 | 4.10 | 3.20 | 0.686 | 0.538 | 1.59 | 0.511 | 0.450 | 0.368 | 0.818 | 2.88 | 13 |
| 14 | 1.46 | 0.7208 | 3.13 | 3.39 | 0.680 | 0.508 | 1.36 | 0.485 | 0.856 | 0.332 | 0.802 | 2.57 | 14 |
| 15 | 1.83 | 0.717 | 2.73 | 3.34 | 0.808 | 0.484 | 1.34 | 0.408 | 0.486 | 0.337 | 0.710 | 2.53 | 15 |
| 16 | 2.00 | 0.707 | 2.83 | 2.98 | 0.856 | 0.430 | 1.20 | 0.373 | 0.377 | 0.332 | 0.671 | 2.90 | 16 |
| 17 | 1.88 B | 0.693 | 2.77 | 2.81 | 0.738 | 0.402 | 0.883 | 0.385 | 0.372 | 0.347 | 0.894 | 3.88 | 17 |
| 18 | 1.45 B | 0.696 | 2.88 | 2.37 | 0.688 | 0.384 | 0.703 | 0.417 | 0.458 | 0.383 | 0.888 | 3.79 | 18 |
| 19 | 1.30 B | 0.717 | 3.38 | 2.13 | 0.877 | 0.388 | 0.544 | 0.380 | 0.530 | 0.388 | 0.674 | 3.27 | 19 |
| 20 | 1.20 B | 0.785 | 4.09 | 1.88 | 0.710 | 0.388 | 0.480 | 0.325 | 0.528 | 0.378 | 0.850 | 3.29 | 20 |
| 21 | 1.13 B | 0.743 | 4.78 | 1.73 | 0.701 | 0.382 | 0.420 | 0.300 | 0.528 | 0.391 | 0.644 | 5.22 | 21 |
| 22 | 1.10 B | 0.746 | 4.90 | 1.60 | 0.667 | 0.404 | 0.375 | 0.305 | 0.554 | 0.439 | 0.5768 | 13.7 | 22 |
| 23 | 1.07 B | 0.774 | 4.75 | 1.51 | 0.661 | 0.721 | 0.381 | 0.300 | 0.550 | 0.586 | 0.644 | 7.21 | 23 |
| 24 | 1.03 B | 0.777 | 4.50 | 1.50 | 0.613 | 0.938 | 0.320 | 0.289 | 0.487 | 0.883 | 0.586 | 5.02 | 24 |
| 25 | 1.00 B | 0.742 | 4.21 | 1.46 | 0.625 | 0.840 | 0.412 | 0.292 | 0.424 | 1.11 | 0.901 | 4.21 | 25 |
| 26 | 0.9808 | 0.771 | 4.13 | 1.28 | 0.587 | 0.484 | 0.470 | 0.285 | 0.388 | 1.57 | 2.17 | 4.81 | 26 |
| 27 | 0.9488 | 0.804 | 5.00 | 1.23 | 0.552 | 0.451 | 0.488 | 0.332 | 0.380 | 1.82 | 4.78 | 5.82 | 27 |
| 28 | 0.9308 | 0.788 | 4.71 | 1.27 | 0.523 | 0.423 | 0.436 | 0.324 | 0.327 | 1.82 | 5.79 | 4.38 | 28 |
| 29 | 0.9108 | | 3.97 | 1.23 | 0.488 | 0.403 | 0.375 | 0.318 | 0.335 | 2.17 | 4.27 | 3.808 | 29 |
| 30 | 0.9008 | | 3.72 | 1.14 | 0.491 | 0.389 | 0.383 | 0.305 | 0.345 | 2.11 | 3.75 | 3.308 | 30 |
| 31 | 0.8808 | | 5.48 | | 1.21 | | 0.311 | 0.309 | | 1.86 | | 3.008 | 31 |
| TOTAL | 44.728 | 21.495 | 144.32 | 120.45 | 23.060 | 21.511 | 25.421 | 12.632 | 11.433 | 21.751 | 41.862 | 114.82 | TOTAL |
| MEAN | 1.44 | 0.766 | 4.65 | 4.02 | 0.744 | 0.717 | 0.820 | 0.407 | 0.381 | 0.702 | 1.39 | 3.71 | MEAN |
| MAX | 2.43 | 0.870 | 15.5 | 19.0 | 1.21 | 1.80 | 1.87 | 0.883 | 0.856 | 2.17 | 5.79 | 13.7 | MAX |
| MIN | 0.880 | 0.693 | 1.01 | 1.14 | 0.491 | 0.382 | 0.311 | 0.280 | 0.246 | 0.332 | 0.644 | 1.55 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 19.0 ON APR 6
MINIMUM DAILY, 0.246 ON SEP 10
MAXIMUM INSTANTANEOUS,
22.7 AT 15:10 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 30 N
LONG 80 33 12 W
DRAINAGE AREA, 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 850 | JUL | 2 200 |
| FEB | 1 880 | AUG | 1 090 |
| MAR | 12 500 | SEP | 988 |
| APR | 10 400 | OCT | 1 880 |
| MAY | 1 980 | NOV | 3 600 |
| JUN | 1 860 | DEC | 9 930 |

TOTAL DISCHARGE, 53 200 dam³

## NUMBER RIVER AT ELDER MILLS - STATION NO. 02HC035

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.32 | 0.8908 | 3.008 | 6.20 | 2.31 | 1.47 | 1.17 | 1.01 | 1.08 | 1.48 | 1.72 | 5.30 | 1 |
| 2 | 2.26 | 1.20 B | 8.008 | 8.23 | 2.11 | 1.79 | 1.17 | 1.13 | 1.09 | 1.54 | 1.81 | 3.99 | 2 |
| 3 | 2.08 | 1.70 B | 6.028 | 5.97 | 2.01 | 1.83 | 1.36 | 1.95 | 1.08 | 1.41 | 1.83 | 3.09 | 3 |
| 4 | 1.35 | 1.50 B | 5.208 | 6.03 | 1.96 | 1.40 | 1.45 | 1.44 | 1.04 | 1.33 | 1.59 | 2.50 | 4 |
| 5 | 2.06 | 1.35 B | 4.808 | 20.3 | 2.07 | 1.29 | 1.42 | 1.21 | 1.02 | 1.36 | 1.52 | 2.17 | 5 |
| 6 | 2.33 | 1.20 B | 4.008 | 21.6 | 1.93 | 1.26 | 1.53 | 1.15 | 1.02 | 1.35 | 1.48 | 1.98 | 6 |
| 7 | 2.37 | 1.30 B | 7.008 | 16.5 | 1.80 | 1.30 | 2.87 | 1.11 | 1.02 | 1.35 | 1.47 | 1.92 | 7 |
| 8 | 1.85 | 1.80 B | 18.0 B | 10.1 | 1.73 | 1.48 | 2.48 | 1.08 | 1.04 | 1.60 | 1.51 | 2.15 | 8 |
| 9 | 2.08 | 1.48 B | 19.0 B | 6.85 | 1.70 | 1.45 | 2.96 | 1.56 | 1.35 | 1.64 | 1.85 | 2.38 | 9 |
| 10 | 1.92 | 1.36 B | 8.898 | 5.22 | 1.84 | 1.34 | 4.69 | 2.27 | 1.27 | 1.51 | 1.70 | 4.59 | 10 |
| 11 | 2.02 | 1.30 B | 6.198 | 4.44 | 1.85 | 1.33 | 2.84 | 1.74 | 1.27 | 1.41 | 1.53 | 4.30 | 11 |
| 12 | 2.05 | 1.25 B | 5.328 | 4.01 | 1.68 | 1.37 | 2.20 | 1.32 | 1.19 | 1.38 | 1.48 | 3.45 | 12 |
| 13 | 1.99 | 1.18 B | 4.288 | 4.39 | 1.60 | 3.12 | 1.71 | 1.22 | 1.22 | 1.35 | 1.51 | 3.22 | 13 |
| 14 | 1.90 B | 1.12 B | 3.738 | 4.28 | 1.57 | 2.86 | 2.21 | 1.13 | 1.21 | 1.33 | 1.57 | 2.71 | 14 |
| 15 | 2.08 B | 1.08 B | 3.608 | 4.30 | 2.04 | 1.73 | 2.39 | 1.10 | 1.14 | 1.28 | 1.55 | 2.47 | 15 |
| 16 | 2.03 B | 1.05 B | 3.508 | 4.36 | 2.00 | 1.44 | 1.82 | 1.13 | 1.12 | 1.28 | 1.48 | 2.77 | 16 |
| 17 | 1.40 B | 1.02 B | 3.588 | 3.73 | 1.74 | 1.28 | 1.49 | 1.31 | 1.19 | 1.30 | 1.63 | 2.60 | 17 |
| 18 | 1.80 B | 0.9808 | 3.668 | 3.38 | 1.81 | 1.20 | 1.34 | 1.29 | 1.42 | 1.42 | 2.19 | 1.80 | 18 |
| 19 | 1.70 B | 0.9708 | 4.108 | 3.48 | 1.81 | 1.14 | 1.25 | 1.14 | 1.52 | 1.46 | 1.96 | 2.61 | 19 |
| 20 | 1.33 B | 0.9508 | 4.288 | 3.05 | 1.81 | 1.10 | 1.66 | 1.08 | 1.61 | 1.43 | 1.82 | 3.04 | 20 |
| 21 | 1.25 B | 0.9308 | 4.508 | 2.79 | 1.84 | 1.09 | 1.82 | 1.06 | 2.40 | 1.40 | 1.358 | 5.54 | 21 |
| 22 | 1.21 B | 0.9108 | 4.83 | 2.76 | 1.73 | 1.51 | 1.44 | 1.07 | 3.22 | 1.45 | 1.478 | 4.36 | 22 |
| 23 | 1.17 B | 0.8908 | 5.32 | 2.86 | 1.77 | 2.20 | 1.30 | 1.04 | 2.27 | 1.64 | 1.82 | 3.44 | 23 |
| 24 | 1.10 B | 0.8708 | 5.35 | 2.54 | 1.64 | 1.78 | 1.21 | 1.00 | 1.88 | 1.81 | 1.73 | 2.84 | 24 |
| 25 | 1.06 B | 0.8508 | 5.34 | 2.44 | 1.58 | 1.36 | 1.22 | 1.01 | 1.45 | 2.87 | 2.24 | 3.40 | 25 |
| 26 | 1.01 B | 0.8408 | 6.38 | 2.32 | 1.88 | 1.25 | 1.17 | 1.01 | 1.28 | 2.52 | 3.23 | 4.57 | 26 |
| 27 | 0.9808 | 0.8208 | 8.11 | 2.25 | 2.20 | 1.20 | 1.07 | 1.00 | 1.24 | 2.47 | 3.11 | 3.07 | 27 |
| 28 | 0.9708 | 0.8108 | 5.18 | 2.38 | 1.80 | 1.20 | 1.05 | 1.02 | 2.17 | 3.37 | 2.57 | 2.208 | 28 |
| 29 | 0.9408 | | 4.83 | 2.56 | 1.80 | 1.15 | 1.02 | 1.06 | 2.52 | 2.65 | 4.36 | 1.358 | 29 |
| 30 | 0.9208 | | 5.63 | 2.52 | 1.82 | 1.17E | 1.03 | 1.08 | 1.56 | 2.03 | 6.15 | 1.408 | 30 |
| 31 | 0.9008 | | 7.48 | | 1.47 | | 1.01 | 1.08 | | 1.90 | | 1.858 | 31 |
| TOTAL | 50.540 | 31.420 | 184.57 | 169.44 | 55.40 | 44.84 | 53.11 | 37.37 | 43.65 | 52.43 | 60.65 | 92.86 | TOTAL |
| MEAN | 1.63 | 1.12 | 5.95 | 5.65 | 1.79 | 1.49 | 1.71 | 1.21 | 1.46 | 1.69 | 2.02 | 3.00 | MEAN |
| MAX | 2.37 | 1.70 | 19.0 | 21.6 | 2.31 | 3.12 | 4.69 | 2.27 | 3.22 | 3.37 | 6.15 | 5.54 | MAX |
| MIN | 0.900 | 0.810 | 3.00 | 2.25 | 1.47 | 1.08 | 1.01 | 1.00 | 1.02 | 1.28 | 1.35 | 1.35 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.40
MAXIMUM DAILY, 21.6 ON APR 6
MINIMUM DAILY, 0.8108 ON FEB 28
MAXIMUM INSTANTANEOUS,
29.58 AT 06:30 EST ON MAR 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 39 N
LONG 79 37 38 W
DRAINAGE AREA, 303 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 370 | JUL | 4 580 |
| FEB | 2 710 | AUG | 3 230 |
| MAR | 15 900 | SEP | 3 770 |
| APR | 14 800 | OCT | 4 530 |
| MAY | 4 780 | NOV | 5 240 |
| JUN | 3 880 | DEC | 8 020 |

TOTAL DISCHARGE, 75 600 dam³

## HUMBER RIVER AT WESTON - STATION NO 02HC003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.69 | 2.208 | 27.0 B | 18.1 | 3.78 | 2.37 | 1.81 | 1.21 | 1.79 | 2.30 | 2.83 | 14.9 | 1 |
| 2 | 6.43 | 2.708 | 23.0 B | 24.4 | 3.59 | 2.62 | 1.83 | 4.08 | 1.48 | 2.12 | 2.51 | 6.68 | 2 |
| 3 | 5.84 | 3.508 | 14.1 B | 23.8 | 3.41 | 2.70 | 2.54 | 2.51 | 1.38 | 2.10 | 3.03 | 6.08 | 3 |
| 4 | 4.11 | 3.108 | 11.8 B | 29.9 | 3.21 | 2.34 | 2.84 | 2.13 | 1.34 | 1.88 | 2.59 | 4.94 | 4 |
| 5 | 4.92 | 2.808 | 10.5 B | 82.8 | 3.25 | 2.19 | 2.02 | 1.82 | 1.26 | 1.91 | 2.46 | 4.18 | 5 |
| 6 | 5.37 | 2.508 | 12.5 B | 76.3 | 3.22 | 2.02 | 2.51 | 1.52 | 1.22 | 2.04 | 2.40 | 3.78 | 6 |
| 7 | 5.21 | 2.708 | 37.0 | 52.7 | 3.02 | 2.31 | 4.18 | 1.47 | 1.22 | 3.37 | 2.33 | 2.93 | 7 |
| 8 | 4.73 | 3.108 | 91.8 | 27.2 | 2.87 | 2.62 | 4.19 | 1.40 | 1.58 | 3.09 | 2.72 | 3.57 | 8 |
| 9 | 4.76 | 2.908 | 83.2 | 16.3 | 2.84 | 2.57 | 5.51 | 6.12 | 1.58 | 2.44 | 4.27 | 5.53 | 9 |
| 10 | 4.75 | 2.758 | 29.1 | 11.6 | 2.89 | 2.30 | 5.81 | 3.35 | 1.81 | 2.31 | 4.89 | 7.51 | 10 |
| 11 | 4.88 | 2.608 | 15.2 | 9.42 | 3.28 | 2.21 | 3.71 | 2.83 | 2.34 | 2.10 | 4.04 | 7.65 | 11 |
| 12 | 4.88 | 2.608 | 12.6 | 10.3 | 2.73 | 2.33 | 2.80 | 2.17 | 2.52 | 2.00 | 2.83 | 6.28 | 12 |
| 13 | 4.94 | 2.408 | 9.72 | 10.0 | 2.86 | 3.85 | 3.86 | 1.87 | 5.82 | 1.98 | 2.85 | 5.63 | 13 |
| 14 | 4.83 | 2.358 | 8.18 | 8.84 | 2.85 | 4.10 | 11.0 | 1.84 | 3.81 | 1.95 | 2.48 | 4.92 | 14 |
| 15 | 5.03 | 2.258 | 7.21 | 7.94 | 3.33 | 2.79 | 4.28 | 1.54 | 1.72 | 1.94 | 2.48 | 7.03 | 15 |
| 16 | 5.75 | 2.158 | 6.99 | 8.01 | 3.02 | 2.18 | 3.25 | 2.80 | 1.54 | 1.95 | 2.41 | 7.89 | 16 |
| 17 | 4.72 | 2.058 | 7.44 | 7.06 | 2.74 | 1.80 | 2.52 | 2.84 | 2.89 | 2.43 | 3.03 | 6.31 | 17 |
| 18 | 4.408 | 2.038 | 7.78 | 6.13 | 2.56 | 1.72 | 2.05 | 2.09 | 3.36 | 2.29 | 4.93 | 4.11 | 18 |
| 19 | 4.008 | 2.008 | 8.88 | 5.84 | 2.49 | 1.59 | 2.20 | 1.80 | 3.80 | 2.09 | 3.94 | 4.39 | 19 |
| 20 | 3.808 | 1.958 | 10.5 | 5.15 | 2.62 | 1.55 | 11.5 | 1.82 | 4.85 | 2.17 | 3.46 | 17.8 | 20 |
| 21 | 3.808 | 1.908 | 10.6 | 4.80 | 2.46 | 1.49 | 3.05 | 1.47 | 7.40 | 2.16 | 2.89 | 25.6 | 21 |
| 22 | 3.408 | 1.858 | 11.2 | 4.55 | 2.58 | 7.15 | 2.50 | 1.36 | 4.25 | 2.34 | 2.32 | 14.6 | 22 |
| 23 | 3.208 | 1.828 | 12.7 | 4.81 | 2.67 | 3.43 | 2.09 | 1.27 | 3.59 | 3.72 | 7.89 | 9.90 | 23 |
| 24 | 3.058 | 1.808 | 12.6 | 4.34 | 2.45 | 3.04 | 1.86 | 1.21 | 2.76 | 4.05 | 2.73 | 7.17 | 24 |
| 25 | 2.908 | 1.788 | 12.3 | 4.14 | 2.36 | 2.28 | 2.01 | 1.13 | 2.33 | 4.10 | 15.1 | 13.0 | 25 |
| 26 | 2.808 | 1.748 | 17.2 | 3.83 | 3.14 | 2.67 | 1.70 | 1.22 | 1.86 | 3.63 | 17.7 | 20.5 | 26 |
| 27 | 2.858 | 1.728 | 17.2 | 4.08 | 3.48 | 2.23 | 1.61 | 1.22 | 2.21 | 4.84 | 8.60 | 8.28 | 27 |
| 28 | 2.558 | 1.708 | 12.5 | 4.11 | 3.14 | 2.04 | 1.37 | 1.28 | 5.71 | 4.33 | 5.84 | 6.16 | 28 |
| 29 | 2.458 | | 10.4 | 4.05 | 2.73 | 1.78 | 1.27 | 1.58 | 3.36 | 4.07 | 18.2 | 3.73 | 29 |
| 30 | 2.358 | | 15.2 | 3.98 | 2.42 | 1.72 | 1.40 | 1.38 | 2.83 | 3.30 | 27.1 | 4.34 | 30 |
| 31 | 2.308 | | 27.4 | | 2.48 | | 1.29 | 1.94 | | 2.84 | | 4.808 | 31 |
| TOTAL | 132.09 | 64.85 | 595.20 | 484.09 | 90.18 | 78.81 | 100.14 | 81.80 | 82.42 | 83.95 | 182.08 | 281.01 | TOTAL |
| MEAN | 4.26 | 2.32 | 19.2 | 16.1 | 2.91 | 2.63 | 3.23 | 1.99 | 2.75 | 2.71 | 5.40 | 8.10 | MEAN |
| MAX | 6.69 | 3.50 | 91.8 | 82.8 | 3.78 | 7.15 | 11.5 | 6.12 | 7.40 | 4.84 | 27.1 | 25.6 | MAX |
| MIN | 2.30 | 1.70 | 6.99 | 3.83 | 2.36 | 1.49 | 1.27 | 1.13 | 1.22 | 1.89 | 2.32 | 2.83 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.58
MAXIMUM DAILY, 91.8 ON MAR 5
MINIMUM DAILY, 1.13 ON AUG 28
MAXIMUM INSTANTANEOUS,
110 AT 19:15 EST ON MAR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 54 N
LONG 79 31 19 W
DRAINAGE AREA, 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11 400 | JUL | 8 650 |
| FEB | 5 800 | AUG | 5 320 |
| MAR | 51 400 | SEP | 7 120 |
| APR | 41 800 | OCT | 7 250 |
| MAY | 7 790 | NOV | 14 000 |
| JUN | 6 580 | DEC | 21 700 |

TOTAL DISCHARGE, 189 000 dam³

## HUMBER RIVER NEAR PALGRAVE - STATION NO. 02HC047

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.44 | 1.318 | 2.008 | 3.37 | 1.53 | 1.07 | 0.819 | 0.598 | 0.889 | 1.11 | 1.15 | 3.23 | 1 |
| 2 | 1.42 | 1.308 | 2.908 | 3.09 | 1.42 | 1.27 | 0.816 | 0.788 | 0.894 | 1.08 | 1.13 | 2.27 | 2 |
| 3 | 1.35 | 1.358 | 2.608 | 2.95 | 1.39 | 1.10 | 0.949 | 1.15 | 0.898 | 0.957 | 1.10 | 1.71 | 3 |
| 4 | 1.358 | 1.348 | 2.208 | 2.84 | 1.42 | 1.02 | 1.08 | 0.906 | 0.878 | 0.929 | 1.10 | 1.45 | 4 |
| 5 | 1.328 | 1.338 | 2.068 | 9.58 | 1.50 | 0.913 | 0.917 | 0.894 | 0.831 | 0.935 | 1.08 | 1.30 | 5 |
| 6 | 1.38 | 1.328 | 1.888 | 10.6 | 1.38 | 0.906 | 1.40 | 0.886 | 0.831 | 0.885 | 1.05 | 1.17 | 6 |
| 7 | 1.38 | 1.318 | 3.518 | 6.41 | 1.30 | 1.00 | 2.12 | 0.848 | 0.859 | 0.899 | 1.02 | 1.17 | 7 |
| 8 | 1.35 | 1.308 | 8.758 | 4.82 | 1.28 | 1.13 | 1.74 | 0.840 | 0.838 | 1.17 | 1.09 | 1.40 | 8 |
| 9 | 1.34 | 1.408 | 7.128 | 3.43 | 1.22 | 1.06 | 3.78 | 1.32 | 0.987 | 1.05 | 1.25 | 2.31 | 9 |
| 10 | 1.38 | 1.398 | 4.158 | 2.82 | 1.19 | 1.04 | 2.48 | 1.87 | 0.881 | 0.983 | 1.11 | 2.97 | 10 |
| 11 | 1.41 | 1.388 | 3.458 | 2.49 | 1.23 | 0.943 | 1.83 | 1.18 | 0.854 | 0.983 | 1.02 | 3.33 | 11 |
| 12 | 1.39 | 1.358 | 2.488 | 2.32 | 1.20 | 1.10 | 1.25 | 1.03 | 0.781 | 0.971 | 1.04 | 2.13 | 12 |
| 13 | 1.37 | 1.348 | 2.168 | 2.88 | 1.11 | 2.84 | 1.04 | 0.927 | 0.858 | 0.972 | 1.10 | 1.84 | 13 |
| 14 | 1.40 | 1.338 | 2.018 | 2.51 | 1.16 | 1.48 | 1.48 | 0.888 | 0.803 | 0.919 | 1.08 | 1.58 | 14 |
| 15 | 1.46 | 1.318 | 1.858 | 2.93 | 1.18 | 1.18 | 1.48 | 0.783 | 0.735 | 0.879 | 1.04 | 1.48 | 15 |
| 16 | 1.52 | 1.298 | 1.768 | 2.83 | 1.37 | 0.980 | 1.14 | 0.849 | 0.728 | 0.883 | 1.06 | 1.65 | 16 |
| 17 | 1.488 | 1.288 | 1.78 | 2.38 | 1.25 | 0.882 | 1.00 | 1.00 | 0.778 | 0.905 | 1.15 | 1.55 | 17 |
| 18 | 1.42 | 1.258 | 1.86 | 2.30 | 1.18 | 0.852 | 0.894 | 0.844 | 0.889 | 1.04 | 1.34 | 1.36 | 18 |
| 19 | 1.468 | 1.248 | 1.87 | 1.98 | 1.22 | 0.795 | 0.859 | 0.730 | 1.04 | 1.05 | 1.24 | 1.38 | 19 |
| 20 | 1.508 | 1.238 | 2.18 | 1.88 | 1.24 | 0.790 | 1.39 | 0.721 | 1.27 | 1.03 | 1.15 | 2.33 | 20 |
| 21 | 1.488 | 1.228 | 2.38 | 1.92 | 1.31 | 0.784 | 1.18 | 0.889 | 1.78 | 1.08 | 0.886 | 2.50 | 21 |
| 22 | 1.458 | 1.218 | 2.70 | 1.89 | 1.30 | 1.31 | 0.976 | 0.881 | 1.90 | 1.07 | 0.875 | 2.10 | 22 |
| 23 | 1.448 | 1.208 | 3.04 | 1.74 | 1.31 | 1.70 | 0.849 | 0.831 | 1.30 | 1.28 | 1.03 | 1.89 | 23 |
| 24 | 1.428 | 1.198 | 3.15 | 1.72 | 1.25 | 1.18 | 0.820 | 0.827 | 1.09 | 1.48 | 1.24 | 1.53 | 24 |
| 25 | 1.408 | 1.188 | 3.18 | 1.67 | 1.22 | 0.974 | 0.826 | 0.824 | 0.906 | 2.10 | 1.38 | 2.22 | 25 |
| 26 | 1.388 | 1.178 | 3.90 | 1.51 | 1.48 | 0.875 | 0.784 | 0.812 | 0.842 | 1.44 | 1.81 | 1.85 | 26 |
| 27 | 1.368 | 1.168 | 3.42 | 1.48 | 1.59 | 0.846 | 0.697 | 0.832 | 0.885 | 1.90 | 1.78 | 1.84 | 27 |
| 28 | 1.368 | 1.158 | 2.95 | 1.76 | 1.43 | 0.817 | 0.663 | 0.831 | 2.14 | 2.10 | 1.46 | 1.23 | 28 |
| 29 | 1.358 | | 2.67 | 1.79 | 1.29 | 0.865 | 0.617 | 0.728 | 1.15 | 1.48 | 2.02 | 1.158 | 29 |
| 30 | 1.348 | | 3.49 | 1.70 | 1.10 | 0.844 | 0.633 | 0.712 | 0.990 | 1.32 | 3.22 | 1.088 | 30 |
| 31 | 1.328 | | 3.83 | | 0.909 | | 0.667 | 0.885 | | 1.23 | | 1.05 | 31 |
| TOTAL | 43.43 | 35.83 | 93.33 | 90.25 | 40.349 | 32.287 | 35.865 | 25.208 | 29.404 | 36.010 | 38.051 | 55.58 | TOTAL |
| MEAN | 1.40 | 1.28 | 3.01 | 3.01 | 1.30 | 1.08 | 1.19 | 0.845 | 0.980 | 1.16 | 1.27 | 1.80 | MEAN |
| MAX | 1.52 | 1.40 | 8.75 | 10.6 | 1.59 | 2.84 | 3.78 | 1.87 | 2.14 | 2.10 | 3.22 | 3.31 | MAX |
| MIN | 1.32 | 1.15 | 1.76 | 1.48 | 0.909 | 0.784 | 0.617 | 0.598 | 0.831 | 0.885 | 0.886 | 1.05 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.53
MAXIMUM DAILY, 10.6 ON APR 6
MINIMUM DAILY, 0.598 ON AUG 1
MAXIMUM INSTANTANEOUS
10.9 AT 20:03 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 57 N
LONG 79 49 45 W
DRAINAGE AREA, 117 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 750 | JUL | 3 180 |
| FEB | 3 100 | AUG | 2 260 |
| MAR | 8 050 | SEP | 2 540 |
| APR | 7 800 | OCT | 3 110 |
| MAY | 3 490 | NOV | 3 290 |
| JUN | 2 790 | DEC | 4 810 |

TOTAL DISCHARGE, 48 200 dam³

## INDIAN RIVER NEAR BLAKENEY - STATION NO 02KF012

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.39 | 0.5808 | 0.4258 | 15.4 | 2.99 | 2.04 | 0.865 | 0.344 | 0.237 | 0.315 | 0.385 | 3.06 | 1 |
| 2 | 2.32 | 0.5408 | 0.4238 | 14.5 | 2.59 | 1.82 | 0.529 | 0.307 | 0.211 | 0.319 | 0.381 | 2.82 | 2 |
| 3 | 2.30 B | 0.6008 | 0.4228 | 13.7 | 2.26 | 1.70 | 0.513 | 0.304 | 0.191 | 0.322 | 0.348 | 2.67 | 3 |
| 4 | 2.26 B | 0.5858 | 0.4218 | 13.4 | 2.14 | 1.76 | 0.592 | 0.302 | 0.186 | 0.298 | 0.397 | 2.53 | 4 |
| 5 | 2.17 | 0.5508 | 0.4208 | 27.8 | 1.94 | 1.52 | 0.550 | 0.305 | 0.175 | 0.279 | 0.851 | 2.42 | 5 |
| 6 | 2.16 | 0.5408 | 0.4308 | 23.8 | 1.82 | 1.52 | 0.505 | 0.282 | 0.188 | 0.270 | 0.894 | 2.28 | 6 |
| 7 | 2.16 | 0.5308 | 2.28 B | 21.5 | 1.81 | 1.42 | 0.514 | 0.270 | 0.195 | 0.317 | 0.812 | 2.32 | 7 |
| 8 | 2.16 B | 0.5258 | 2.32 B | 19.1 | 1.50 | 1.87 | 0.435 | 0.249 | 0.227 | 0.432 | 0.573 | 2.09 | 8 |
| 9 | 2.16 | 0.5208 | 2.26 B | 16.4 | 1.54 | 2.40 | 0.384 | 0.237 | 0.288 | 0.428 | 0.758 | 2.15 | 9 |
| 10 | 2.12 | 0.5558 | 2.22 B | 13.8 | 1.35 | 2.42 | 0.381 | 0.231 | 0.250 | 0.400 | 0.717 | 2.98 | 10 |
| 11 | 2.13 | 0.5308 | 2.15 B | 11.8 | 1.30 | 2.17 | 0.473 | 0.223 | 0.228 | 0.386 | 0.851 | 3.28 | 11 |
| 12 | 2.14 | 0.5158 | 2.10 B | 10.2 | 1.31 | 2.86 | 0.548 | 0.208 | 0.275 | 0.335 | 0.892 | 3.06 | 12 |
| 13 | 2.12 | 0.4958 | 2.02 B | 8.98 | 1.12 | 2.71 | 0.546 | 0.200 | 0.310 | 0.323 | 0.986 | 2.91 | 13 |
| 14 | 2.13 B | 0.4908 | 1.98 B | 7.81 | 1.15 | 2.58 | 0.716 | 0.190 | 0.272 | 0.304 | 0.581 | 2.94 | 14 |
| 15 | 2.14 | 0.4858 | 1.92 B | 8.58 | 1.33 | 2.47 | 1.08 | 0.183 | 0.248 | 0.279 | 0.877 | 2.78 | 15 |
| 16 | 2.16 B | 0.4808 | 1.88 B | 5.96 | 1.29 | 2.12 | 0.786 | 0.174 | 0.231 | 0.272 | 0.552 | 3.11 | 16 |
| 17 | 2.12 B | 0.4758 | 1.84 B | 5.38 | 1.28 | 1.74 | 0.708 | 0.171 | 0.219 | 0.267 | 0.578 | 3.13 | 17 |
| 18 | 2.09 | 0.4708 | 1.82 B | 4.67 | 1.30 | 1.51 | 0.615 | 0.148A | 0.217 | 0.253 | 1.08 | 3.14 | 18 |
| 19 | 2.10 B | 0.4658 | 1.81 B | 4.22 | 1.22 | 1.31 | 0.780 | 0.119E | 0.233 | 0.265 | 1.10 | 2.99 | 19 |
| 20 | 2.10 B | 0.4608 | 1.80 B | 4.01 | 1.16 | 0.997 | 0.758 | 0.092A | 0.317 | 0.287 | 0.924 | 2.98 | 20 |
| 21 | 2.09 | 0.4588 | 2.00 B | 3.53 | 1.13 | 0.912 | 0.631 | 0.085 | 0.306 | 0.311 | 0.897 | 3.13 | 21 |
| 22 | 0.862 | 0.4528 | 4.14 | 2.82 | 1.19 | 0.847 | 0.573 | 0.185 | 0.283 | 0.328 | 0.598 | 3.07 | 22 |
| 23 | 0.762 | 0.4488 | 5.90 | 2.81 | 1.12 | 0.722 | 0.484 | 0.317 | 0.272 | 0.289 | 0.771 | 3.02 | 23 |
| 24 | 0.7508 | 0.4448 | 8.86 | 2.29 | 1.18 | 0.633 | 0.485 | 0.321 | 0.263 | 0.282 | 1.73 | 2.42 | 24 |
| 25 | 0.7108 | 0.4408 | 7.73 | 2.09 | 1.13 | 0.538 | 0.535 | 0.331 | 0.248 | 0.539 | 1.71 | 2.98 | 25 |
| 26 | 0.6908 | 0.4388 | 8.80 | 1.97 | 1.02 | 0.528 | 0.757 | 0.320 | 0.239 | 0.508 | 1.82 | 2.93 | 26 |
| 27 | 0.6708 | 0.4328 | 8.46 | 1.89 | 1.21 | 0.612 | 0.898 | 0.261 | 0.234 | 0.514 | 1.86 | 2.918 | 27 |
| 28 | 0.6558 | 0.4288 | 7.86 | 2.20 | 1.86 | 0.580 | 0.851 | 0.175 | 0.259 | 0.403 | 1.82 | 3.018 | 28 |
| 29 | 0.6358 | | 8.79 | 3.05 | 3.78 | 0.573 | 0.810 | 0.207 | 0.344 | 0.376 | 2.01 | 3.338 | 29 |
| 30 | 0.6208 | | 10.3 | 3.45 | 2.67 | 0.787 | 0.672 | 0.188 | 0.349 | 0.330 | 3.89 | 3.03 | 30 |
| 31 | 0.7158 | | 15.3 | | 2.13 | | 0.381 | 0.208 | | 0.370 | | 2.17 | 31 |
| TOTAL | 52.580 | 16.108 | 118.181 | 274.10 | 50.80 | 45.941 | 18.341 | 7.103 | 7.511 | 10.787 | 28.803 | 88.01 | TOTAL |
| MEAN | 1.70 | 0.504 | 3.81 | 9.14 | 1.63 | 1.52 | 0.592 | 0.229 | 0.250 | 0.348 | 0.953 | 2.77 | MEAN |
| MAX | 2.39 | 0.580 | 15.3 | 27.8 | 3.78 | 2.86 | 1.08 | 0.344 | 0.349 | 0.538 | 3.89 | 3.28 | MAX |
| MIN | 0.620 | 0.428 | 0.420 | 1.89 | 1.02 | 0.528 | 0.351 | 0.085 | 0.175 | 0.253 | 0.348 | 2.03 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.95
MAXIMUM DAILY 27.8 ON APR 5
MINIMUM DAILY 0.085 ON AUG 21
MAXIMUM INSTANTANEOUS
30.0 AT 07:07 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 14 44 N
LONG 76 15 39 W
DRAINAGE AREA 203 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 540 | JUL | 1 580 |
| FEB | 1 220 | AUG | 614 |
| MAR | 10 200 | SEP | 649 |
| APR | 23 700 | OCT | 932 |
| MAY | 4 370 | NOV | 2 470 |
| JUN | 3 940 | DEC | 7 430 |

TOTAL DISCHARGE, 81 800 dam³

## JACKSON CREEK AT PETERBOROUGH - STATION NO 02HJ001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.36 | 0.487 | 0.733 | 5.22 | 0.925 | 0.305 | 0.095 | 0.018 | 0.068 | 0.152 | 0.444 | 1.35 | 1 |
| 2 | 1.25 B | 0.501 | 0.782 | 5.80 | 0.837 | 0.260 | 0.107 | 0.087 | 0.062 | 0.238 | 0.408 | 1.29 B | 2 |
| 3 | 1.11 B | 0.538 | 0.817 | 6.01 | 0.712 | 0.278 | 0.119 | 0.024 | 0.064 | 0.188 | 0.490 | 1.33 B | 3 |
| 4 | 0.9758 | 0.506 | 0.853 | 6.54 | 0.813 | 0.218 | 0.088 | 0.022 | 0.050 | 0.144 | 0.480 | 1.41 B | 4 |
| 5 | 0.9858 | 0.519 | 0.888 | 7.68 | 0.528 | 0.219 | 0.078 | 0.021 | 0.050 | 0.127 | 0.557 | 1.20 B | 5 |
| 6 | 0.9308 | 0.515 | 0.9858 | 8.40 | 0.469 | 0.177 | 0.083 | 0.023 | 0.042 | 0.133 | 0.501 | 0.9908 | 6 |
| 7 | 0.8458 | 0.586 | 1.32 B | 8.24 | 0.387 | 0.226 | 0.142 | 0.5208 | 0.046 | 0.333 | 0.506 | 0.848 | 7 |
| 8 | 0.774 | 0.562 | 2.26 B | 8.86 | 0.327 | 0.295 | 0.101 | 0.141 | 0.310 | 0.258 | 0.822 | 0.820 | 8 |
| 9 | 0.802 | 0.5808 | 2.70 B | 9.40 | 0.269 | 0.286 | 0.083 | 0.328 | 0.143 | 0.792 | 0.894 | 0.949 | 9 |
| 10 | 0.776 | 0.557 | 2.95 B | 8.00 | 0.265 | 0.344 | 0.220 | 0.155 | 0.112 | 0.270 | 0.8708 | 1.44 | 10 |
| 11 | 0.789 | 0.557 | 3.05 B | 2.85 | 0.281 | 0.386 | 0.134 | 0.112 | 0.113 | 0.243 | 0.8008 | 1.38 | 11 |
| 12 | 0.768 | 0.581 | 3.00 B | 2.27 | 0.245 | 0.334 | 0.121 | 0.108 | 0.108 | 0.219 | 0.731 | 1.58 | 12 |
| 13 | 0.7858 | 0.5558 | 2.85 B | 1.76 | 0.254 | 0.981 | 0.284 | 0.083 | 0.111 | 0.192 | 0.883 | 1.58 | 13 |
| 14 | 0.783 | 0.538 | 2.56 B | 1.37 | 0.382 | 0.188 | 0.291 | 0.073 | 0.068 | 0.170 | 0.814 | 1.59 | 14 |
| 15 | 0.779 | 0.5208 | 2.30 B | 1.30 | 0.398 | 0.181 | 0.130 | 0.068 | 0.064 | 0.188 | 0.8508 | 1.19 | 15 |
| 16 | 0.760 | 0.483 | 2.20 B | 1.19 | 0.423 | 0.204 | 0.114 | 0.080 | 0.075 | 0.185 | 0.522 | 1.32 | 16 |
| 17 | 0.882 | 0.4758 | 2.11 B | 1.11 | 0.362 | 0.193 | 0.090 | 0.190 | 0.087 | 0.244 | 0.648 | 1.22 B | 17 |
| 18 | 0.886 | 0.4858 | 2.20 B | 0.949 | 0.305 | 0.184 | 0.053 | 0.041 | 0.148 | 0.188 | 0.643 | 1.14 B | 18 |
| 19 | 0.8458 | 0.445 | 2.47 B | 0.822 | 0.264 | 0.160 | 0.023 | 0.048 | 0.108 | 0.178 | 0.840 | 1.07 | 19 |
| 20 | 0.8488 | 0.422 | 2.77 B | 0.817 | 0.235 | 0.131 | 0.113 | 0.050 | 0.381 | 0.193 | 0.805 | 1.12 | 20 |
| 21 | 0.856 | 0.412 | 3.20 B | 0.773 | 0.228 | 0.122 | 0.182 | 0.048 | 0.417 | 0.261 | 0.857 | 1.28 | 21 |
| 22 | 0.8488 | 0.405 | 3.84 B | 0.850 | 0.301 | 0.177 | 0.165 | 0.134 | 0.367 | 0.388 | 0.897 | 1.24 | 22 |
| 23 | 0.828 | 0.451 | 4.88 | 0.581 | 0.327 | 0.112 | 0.321 | 0.048 | 0.318 | 0.832 | 0.489 | 1.30 | 23 |
| 24 | 0.808 | 0.443 | 5.48 | 0.540 | 0.372 | 0.125 | 0.200 | 0.043 | 0.253 | 0.854 | 0.486 | 1.25 | 24 |
| 25 | 0.786 | 0.417 | 5.76 | 0.489 | 0.387 | 0.110 | 0.083 | 0.039 | 0.185 | 0.858 | 0.4108 | 1.88 | 25 |
| 26 | 0.561 | 0.433 | 5.87 | 0.457 | 0.432 | 0.238 | 0.086 | 0.035 | 0.132 | 0.630 | 0.811 | 1.82 B | 26 |
| 27 | 0.512 | 0.459 | 5.53 | 0.540 | 0.426 | 0.111 | 0.080 | 0.034 | 0.188 | 0.849 | 0.805 | 1.87 B | 27 |
| 28 | 0.518 | 0.472 | 5.04 | 0.735 | 0.419 | 0.088 | 0.060 | 0.080 | 0.131 | 0.577 | 0.698 | 1.82 B | 28 |
| 29 | 0.482 | | 4.50 | 0.881 | 0.391 | 0.100 | 0.035 | 0.131 | 0.188 | 0.536 | 1.00 | 1.14 B | 29 |
| 30 | 0.489 | | 4.63 | 0.980 | 0.381 | 0.093 | 0.032 | 0.035 | 0.148 | 0.510 | 1.22 | 0.9608 | 30 |
| 31 | 0.482 | | 5.33 | | 0.324 | | 0.027 | 0.259 | | 0.485 | | 0.7708 | 31 |
| TOTAL | 23.223 | 13.824 | 83.848 | 85.774 | 12.448 | 5.912 | 3.520 | 3.081 | 4.524 | 9.930 | 18.485 | 39.406 | TOTAL |
| MEAN | 0.749 | 0.494 | 3.03 | 2.86 | 0.402 | 0.197 | 0.117 | 0.099 | 0.151 | 0.322 | 0.615 | 1.27 | MEAN |
| MAX | 1.36 | 0.586 | 5.87 | 8.40 | 0.925 | 0.386 | 0.321 | 0.520 | 0.417 | 0.858 | 1.22 | 1.88 | MAX |
| MIN | 0.482 | 0.405 | 0.733 | 0.457 | 0.229 | 0.091 | 0.023 | 0.018 | 0.042 | 0.127 | 0.408 | 0.770 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.881
MAXIMUM DAILY 8.40 ON APR 6
MINIMUM DAILY 0.018 ON AUG 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 10 N
LONG 78 19 14 W
DRAINAGE AREA 110 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 010 | JUL | 313 |
| FEB | 1 190 | AUG | 284 |
| MAR | 8 110 | SEP | 351 |
| APR | 7 410 | OCT | 863 |
| MAY | 1 080 | NOV | 1 800 |
| JUN | 511 | DEC | 3 400 |

TOTAL DISCHARGE, 27 100 dam³

## JOCK RIVER NEAR RICHMOND - STATION NO. 02LA007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.67 | 1.918 | 1.54 | 56.5 | 6.10 | 2.35 | 1.53 | 4.58 | 0.281 | 2.17 | 3.23 | 21.2 A | 1 |
| 2 | 6.16 | 1.898 | 1.60 | 47.1 | 5.38 | 2.96 | 1.30 | 3.85 | 0.301 | 2.89 | 3.02 | 23.7 A | 2 |
| 3 | 5.63 | 1.878 | 1.59 | 36.7 | 4.74 | 3.95 | 1.15 | 3.69 | 0.315 | 2.45 | 2.89 | 22.3 A | 3 |
| 4 | 4.96 | 1.858 | 1.53 | 33.3 | 4.21 | 3.28 | 1.20 | 3.52 | 0.378 | 2.08 | 2.10 | 19.7 A | 4 |
| 5 | 4.40 | 1.838 | 1.56 | 64.4 | 3.52 | 2.76 | 1.33 | 3.01 | 0.358 | 1.90 | 2.86 | 16.6 A | 5 |
| 6 | 4.03 | 1.818 | 1.47 | 68.6 | 3.14 | 2.43 | 1.25 | 2.58 | 0.297 | 1.71 | 4.78 | 14.2 A | 6 |
| 7 | 3.88 | 1.818 | 1.69 | 58.9 | 2.81 | 2.18 | 1.11 | 2.23 | 0.239 | 1.70 | 4.90 | 12.3 A | 7 |
| 8 | 3.58 | 1.808 | 2.38 | 46.4 | 2.63 | 2.51 | 1.03 | 1.94 | 0.275 | 2.27 | 4.72 | 9.88A | 8 |
| 9 | 3.39 | 1.808 | 3.35 | 35.5 | 2.30 | 6.35 | 0.839 | 1.68 | 0.526 | 3.08 | 5.62 | 8.95A | 9 |
| 10 | 3.30 | 1.798 | 4.09 | 27.1 | 2.10 | 9.85 | 0.761 | 1.53 | 0.630 | 2.96 | 7.08 | 13.1 A | 10 |
| 11 | 3.26 | 1.788 | 4.58 | 21.3 | 1.98 | 8.13 | 0.728 | 1.36 | 0.807 | 2.99 | 7.07 | 25.8 A | 11 |
| 12 | 3.24 | 1.788 | 4.83 | 17.1 | 2.16 | 8.00 | 1.70 | 1.19 | 0.635 | 2.71 | 6.20 | 25.9 A | 12 |
| 13 | 3.14 | 1.748 | 4.89 | 14.0 | 2.16 | 7.90 | 3.35 | 1.04 | 1.27 | 2.48 | 5.66 | 22.5 A | 13 |
| 14 | 3.13 | 1.738 | 4.78 | 11.6 | 1.94 | 7.58 | 3.88 | 0.973 | 1.99 | 2.32 | 5.42 | 20.1 A | 14 |
| 15 | 3.08 | 1.728 | 4.83 | 10.1 | 1.96 | 8.48 | 7.46 | 0.848 | 1.96 | 2.10 | 5.22 | 17.8 A | 15 |
| 16 | 2.98 | 1.708 | 4.83 | 8.71 | 2.36 | 4.89 | 10.6 | 0.738 | 1.47 | 2.01 | 4.87 | 13.8 A | 16 |
| 17 | 2.87 | 1.688 | 4.46 | 7.87 | 2.18 | 4.12 | 10.6 | 0.689 | 1.19 | 1.82 | 4.53A | 13.7 A | 17 |
| 18 | 2.54 | 1.668 | 4.58B | 6.87 | 2.23 | 3.31 | 8.72 | 0.629 | 0.970 | 1.63 | 6.62A | 11.5 B | 18 |
| 19 | 2.45 | 1.658 | 4.85B | 6.15 | 2.24 | 2.71 | 7.45 | 0.583 | 0.826 | 1.59 | 10.1 A | 10.6 B | 19 |
| 20 | 2.40 | 1.648 | 5.40B | 5.35 | 1.99 | 2.32 | 7.38 | 0.543 | 0.852 | 1.63 | 10.1 A | 10.3 B | 20 |
| 21 | 2.36 | 1.638 | 5.14B | 4.70 | 1.88 | 2.04 | 7.74 | 0.502 | 1.11 | 1.81 | 8.08A | 10.9 | 21 |
| 22 | 2.31 | 1.618 | 12.6 B | 4.07 | 1.83 | 1.82 | 7.01 | 0.448 | 1.48 | 2.59 | 9.95A | 11.7 | 22 |
| 23 | 2.298 | 1.598 | 26.6 B | 3.72 | 1.65 | 1.40 | 5.80 | 0.400 | 1.57 | 2.04 | 4.77A | 11.7 | 23 |
| 24 | 2.278 | 1.578 | 52.1 B | 3.87 | 1.81 | 1.27 | 5.18 | 0.378 | 1.57 | 2.03 | 4.59A | 11.1 | 24 |
| 25 | 2.238 | 1.588 | 56.2 B | 3.67 | 1.90 | 1.03 | 5.41 | 0.329 | 1.37 | 2.16 | 4.58A | 11.8 | 25 |
| 26 | 2.198 | 1.558 | 79.2 | 3.55 | 1.97 | 0.917 | 12.5 | 0.289 | 1.22 | 2.71 | 3.63A | 13.5 | 26 |
| 27 | 2.158 | 1.548 | 75.2 | 3.14 | 1.69 | 0.916 | 12.3 | 0.270 | 1.12 | 3.33 | 4.37A | 11.7 B | 27 |
| 28 | 2.17 | 1.52 | 55.4 | 3.22 | 1.88 | 1.15 | 10.4 | 0.251 | 1.03 | 4.38 | 4.77A | 9.48B | 28 |
| 29 | 2.05 | | 56.6 | 4.38 | 2.48 | 1.37 | 8.03 | 0.263 | 1.11 | 3.69 | 8.17A | 7.27B | 29 |
| 30 | 1.918 | | 50.2 | 5.84 | 2.95 | 1.61 | 6.51 | 0.277 | 1.49 | 3.31 | 14.8 A | 5.58B | 30 |
| 31 | 1.918 | | 55.3 | | 2.80 | | 5.50 | 0.270 | | 3.34 | | 4.68B | 31 |
| TOTAL | 98.79 | 47.99 | 614.27 | 523.51 | 80.46 | 108.483 | 180.848 | 40.898 | 28.439 | 75.82 | 174.78 | 444.11 | TOTAL |
| MEAN | 3.19 | 1.71 | 19.8 | 20.8 | 2.60 | 3.62 | 5.19 | 1.32 | 0.948 | 2.45 | 5.83 | 14.3 | MEAN |
| MAX | 6.67 | 1.91 | 79.2 | 88.6 | 6.10 | 9.85 | 12.5 | 4.58 | 1.99 | 4.38 | 14.8 | 25.9 | MAX |
| MIN | 1.95 | 1.52 | 1.47 | 3.14 | 1.63 | 0.916 | 0.728 | 0.251 | 0.239 | 1.53 | 2.89 | 4.58 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.84
MAXIMUM DAILY, 79.2 ON MAR 26
MINIMUM DAILY, 0.238 ON SEP 7
MAXIMUM INSTANTANEOUS,
80.9 AT 20:20 EST ON MAR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 00 N
LONG 75 47 28 W
DRAINAGE AREA, 559 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 8 540 | JUL | 13 900 |
| FEB | 4 150 | AUG | 3 530 |
| MAR | 53 100 | SEP | 2 480 |
| APR | 53 900 | OCT | 6 550 |
| MAY | 6 950 | NOV | 15 100 |
| JUN | 9 370 | DEC | 38 400 |

TOTAL DISCHARGE, 216 000 dam³

## JUNCTION CREEK AT SUDBURY - STATION NO. 02CF005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.3388 | 0.2308 | 0.2708 | 5.51 | 0.734 | 0.833 | 0.138 | 0.156 | 0.114 | 0.524 | 0.283 | 0.5708 | 1 |
| 2 | 0.3408 | 0.2358 | 0.2628 | 3.70 | 0.844 | 0.584 | 0.136 | 0.128 | 0.099 | 1.06 | 0.255 | 0.4508 | 2 |
| 3 | 0.3258 | 0.2458 | 0.2588 | 2.54 | 0.489 | 1.42 | 0.257 | 0.132 | 0.087 | 0.356 | 0.812 | 0.3958 | 3 |
| 4 | 0.3208 | 0.2508 | 0.2528 | 2.40 | 0.375 | 0.769 | 0.226 | 0.107 | 0.105 | 0.231 | 0.998 | 0.3508 | 4 |
| 5 | 0.3218 | 0.2508 | 0.2518 | 3.06 | 0.329 | 0.487 | 0.140 | 0.089 | 0.110 | 0.226 | 0.830 | 0.3108 | 5 |
| 6 | 0.3248 | 0.2488 | 0.2508 | 3.71 | 0.285 | 0.355 | 0.132 | 0.085 | 0.107 | 0.307 | 0.513 | 0.2858 | 6 |
| 7 | 0.3278 | 0.2438 | 0.2908 | 3.84 | 0.268 | 0.350 | 0.122 | 0.129 | 0.101 | 0.208 | 0.415 | 0.2708 | 7 |
| 8 | 0.3298 | 0.2408 | 0.3508 | 3.25 | 0.270 | 0.307 | 0.118 | 0.107 | 0.091 | 0.183 | 0.3808 | 0.2658 | 8 |
| 9 | 0.3188 | 0.2388 | 0.4008 | 2.49 | 0.276 | 0.320 | 0.123 | 0.118 | 0.164 | 0.195 | 0.3408 | 2.50 | 9 |
| 10 | 0.3118 | 0.2338 | 0.3958 | 1.90 | 0.228 | 0.280 | 0.125 | 0.112 | 0.124 | 0.188 | 0.3008 | 3.67 | 10 |
| 11 | 0.3058 | 0.2288 | 0.3638 | 1.60 | 0.233 | 0.487 | 0.658 | 0.110 | 0.848 | 0.165 | 0.2908 | 2.40 | 11 |
| 12 | 0.3008 | 0.2218 | 0.3758 | 1.21 | 0.253 | 0.584 | 0.194 | 0.107 | 0.477 | 0.185 | 0.314 | 2.84 | 12 |
| 13 | 0.2958 | 0.2178 | 0.3658 | 0.883 | 0.211 | 0.343 | 0.154 | 0.104 | 0.191 | 0.170 | 0.304 | 2.58 | 13 |
| 14 | 0.2928 | 0.2138 | 0.3578 | 0.745 | 0.494 | 0.279 | 0.120 | 0.127 | 0.142 | 0.175 | 0.283 | 1.86 | 14 |
| 15 | 0.2878 | 0.2108 | 0.3578 | 0.841 | 0.408 | 0.225 | 0.110 | 0.328 | 0.130 | 0.174 | 0.285 | 1.27 | 15 |
| 16 | 0.2828 | 0.2068 | 0.3608 | 0.742 | 0.272 | 0.187 | 0.113 | 0.219 | 0.149 | 0.154 | 0.252 | 1.10 B | 16 |
| 17 | 0.2798 | 0.2018 | 0.4108 | 0.680 | 0.747 | 0.162 | 0.124 | 0.135 | 0.107 | 0.164 | 0.580 | 0.9008 | 17 |
| 18 | 0.2738 | 0.2008 | 0.5008 | 0.575 | 0.680 | 0.228 | 0.127 | 0.112 | 0.097 | 0.165 | 0.517 | 0.6008 | 18 |
| 19 | 0.2718 | 0.2188 | 0.6408 | 0.510 | 0.480 | 0.290 | 0.218 | 0.177 | 0.174 | 0.155 | 0.365 | 0.7008 | 19 |
| 20 | 0.2688 | 0.2278 | 0.9118 | 0.461 | 0.408 | 0.151 | 0.217 | 0.219 | 0.299 | 0.184 | 0.2508 | 0.6408 | 20 |
| 21 | 0.2638 | 0.2428 | 1.38 B | 0.515 | 0.390 | 0.135 | 0.125 | 0.178 | 0.288 | 0.285 | 0.2008 | 0.5708 | 21 |
| 22 | 0.2618 | 0.2558 | 2.48 B | 0.404 | 1.12 | 0.131 | 0.104 | 0.484 | 0.205 | 0.267 | 0.1808 | 0.5208 | 22 |
| 23 | 0.2598 | 0.2688 | 3.95 | 0.420 | 1.70 | 0.129 | 0.098 | 0.158 | 0.157 | 0.280 | 0.3508 | 0.4808 | 23 |
| 24 | 0.2558 | 0.2728 | 5.63 | 0.415 | 1.44 | 0.117 | 0.545 | 0.101 | 0.116 | 0.499 | 0.994 | 0.4408 | 24 |
| 25 | 0.2538 | 0.2708 | 6.94 | 0.381 | 1.02 | 0.115 | 0.211 | 0.085 | 0.105 | 0.419 | 0.4308 | 0.4108 | 25 |
| 26 | 0.2508 | 0.2648 | 8.50 | 0.325 | 0.902 | 0.172 | 0.116 | 0.071 | 0.124 | 0.276 | 0.2808 | 0.3908 | 26 |
| 27 | 0.2478 | 0.2608 | 7.92 | 1.10 | 1.73 | 0.167 | 0.106 | 0.102 | 0.108 | 0.963 | 0.2458 | 0.2708 | 27 |
| 28 | 0.2428 | 0.2628 | 7.44 | 1.41 | 1.24 | 0.224 | 0.108 | 0.088 | 0.095 | 0.541 | 0.306 | 0.3508 | 28 |
| 29 | 0.2398 | | 7.29 | 1.19 | 0.851 | 0.195 | 0.118 | 0.084 | 0.551 | 0.367 | 0.384 | 0.2328 | 29 |
| 30 | 0.2368 | | 6.31 | 0.941 | 0.631 | 0.163 | 0.152 | 0.272 | 0.426 | 0.357 | 0.888 | 0.3258 | 30 |
| 31 | 0.2318 | | 6.29 | | 0.932 | | 0.179 | 0.221 | | 0.336 | | 0.3008 | 31 |
| TOTAL | 8.841 | 8.647 | 73.776 | 47.686 | 20.113 | 10.159 | 5.414 | 4.618 | 5.913 | 9.723 | 12.603 | 28.442 | TOTAL |
| MEAN | 0.285 | 0.237 | 2.38 | 1.59 | 0.649 | 0.339 | 0.175 | 0.149 | 0.197 | 0.314 | 0.420 | 0.917 | MEAN |
| MAX | 0.340 | 0.272 | 8.50 | 5.51 | 1.73 | 1.42 | 0.658 | 0.484 | 0.848 | 1.06 | 0.998 | 3.67 | MAX |
| MIN | 0.231 | 0.200 | 0.251 | 0.325 | 0.211 | 0.115 | 0.098 | 0.071 | 0.091 | 0.154 | 0.180 | 0.285 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.641
MAXIMUM DAILY, 8.50 ON MAR 26
MINIMUM DAILY, 0.071 ON AUG 26
MAXIMUM INSTANTANEOUS,
9.26 AT 02:13 EST ON MAR 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 20 N
LONG 80 59 45 W
DRAINAGE AREA 89.1 km²

B - ICE CONDITIONS

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 784 | JUL | 488 |
| FEB | 574 | AUG | 399 |
| MAR | 6 370 | SEP | 511 |
| APR | 4 120 | OCT | 840 |
| MAY | 1 740 | NOV | 1 090 |
| JUN | 878 | DEC | 2 480 |

TOTAL DISCHARGE 20 200 dam³

## JUNCTION CREEK BELOW KELLEY LAKE - STATION NO 02CP012

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.33 | 0.969 | 1.57 | 10.5 | 2.18 | 2.42 | 0.716 | 0.586 | 0.552 | 1.03 | 1.55 | 2.28 | 1 |
| 2 | 1.32 | 0.969 | 1.85 | 9.00 | 1.88 | 2.07 | 0.686 | 0.565 | 0.557 | 1.04 | 1.56 | 2.35 | 2 |
| 3 | 1.38 | 0.977 | 1.72 | 6.84 | 1.71 | 2.25 | 0.867 | 0.583 | 0.498 | 1.04 | 1.63 | 2.40 | 3 |
| 4 | 1.35 | 1.04 | 1.85 | 5.85 | 1.61 | 2.27 | 1.15 | 0.646 | 0.456 | 1.40 | 2.08 | 2.54 | 4 |
| 5 | 1.29 | 1.07 | 1.53 | 5.85 | 1.47 | 1.86 | 1.18 | 0.458 | 0.455 | 1.35 | 2.42 | 2.59 | 5 |
| 6 | 1.27 | 1.18 | 1.44 | 5.46 | 1.24 | 1.48 | 1.28 A | 0.404 | 0.480 | 1.45 | 2.30 | 2.46 | 6 |
| 7 | 1.20 | 1.32 | 1.52 | 6.65 | 1.10 | 1.44 | 0.800E | 0.389 | 0.487 | 1.43 | 2.22 | 2.36 | 7 |
| 8 | 1.11 | 1.65 | 1.91 | 5.44 | 0.884 | 1.45 | 0.680E | 0.362 | 0.470 | 1.15 | 2.31 | 2.32 | 8 |
| 9 | 1.06 | 1.63 | 2.08 | 5.94 | 0.791 | 1.28 | 0.670E | 0.355 | 0.458 | 0.931 | 2.24 | 2.27 | 9 |
| 10 | 1.14 | 1.55 | 2.09 | 5.32 | 0.980 | 1.04 | 0.870E | 0.366 | 0.465 | 0.983 | 2.09 | 5.41 | 10 |
| 11 | 1.20 | 1.48 | 2.19 | 4.84 | 0.923 | 1.11 | 1.60 E | 0.389 | 0.789 | 1.04 | 1.84 | 8.10 | 11 |
| 12 | 1.23 | 1.51 | 2.19 | 4.24 | 0.930 | 1.12 | 1.30 E | 0.344 | 1.10 | 1.15 | 1.93 | 5.84 | 12 |
| 13 | 1.25 | 1.45 | 2.15 | 3.56 | 0.788 | 1.43 | 0.960E | 0.343 | 0.990 | 1.12 | 1.88 | 6.07 | 13 |
| 14 | 1.27 | 1.34 | 2.03 | 3.10 | 0.954 | 1.19 | 0.770E | 0.357 | 0.851 | 1.05 | 1.96 | 5.66 | 14 |
| 15 | 1.20 | 1.23 | 1.81 | 3.10 | 1.14 | 1.06 | 0.700E | 0.506 | 0.779 | 1.09 | 1.87 | 5.29 | 15 |
| 16 | 1.14 | 1.23 | 1.81 | 2.93 | 0.807 | 0.994 | 0.680E | 0.623 | 0.787 | 1.04 | 1.88 | 4.67 | 16 |
| 17 | 1.11 | 1.24 | 1.83 | 2.62 | 1.22 | 0.844 | 0.680E | 0.681 | 0.772 | 1.02 | 2.03 | 4.24 | 17 |
| 18 | 1.19 | 1.20 | 1.83 | 2.31 | 1.56 | 0.784 | 0.720E | 0.606 | 0.600 | 1.14 | 2.38 | 3.91 | 18 |
| 19 | 1.25 | 1.13 | 1.95 | 2.13 | 1.34 | 0.887 | 0.820E | 0.543 | 0.506 | 1.29 | 2.26 | 3.47 | 19 |
| 20 | 1.29 | 1.08 | 2.21 | 2.00 | 1.17 | 0.850 | 0.900E | 0.547 | 0.527 | 1.31 | 2.22 | 3.59 | 20 |
| 21 | 1.23 | 1.09 | 2.94 | 2.05 | 1.13 | 0.881 | 0.840E | 0.642 | 0.681 | 1.31 | 1.76 | 3.48 | 21 |
| 22 | 1.26 | 1.17 | 4.26 | 1.81 | 1.75 | 0.977 | 0.720E | 0.782 | 0.727 | 1.28 | 1.62 | 3.28 | 22 |
| 23 | 1.24 | 1.34 | 6.47 | 1.38 | 2.33 | 1.02 | 0.880E | 0.883 | 0.701 | 1.32 | 1.60 | 3.11 | 23 |
| 24 | 1.18 | 1.30 | 9.30 | 1.32 | 2.43 | 0.902 | 1.00 E | 0.530 | 0.667 | 1.30 | 1.85 | 3.07 | 24 |
| 25 | 1.14 | 1.20 | 12.2 | 1.16 | 2.30 | 0.907 | 1.34 E | 0.524 | 0.624 | 1.45 | 2.12 | 3.18 | 25 |
| 26 | 1.10 | 1.15 | 14.2 | 1.08 | 2.20 | 0.912 | 1.00 E | 0.488 | 0.584 | 1.48 | 1.84 | 3.05 | 26 |
| 27 | 1.03 | 1.15 | 14.7 | 1.81 | 2.78 | 0.880 | 0.780A | 0.452 | 0.575 | 1.89 | 1.72 | 2.99 | 27 |
| 28 | 0.988 | 1.30 | 14.0 | 2.55 | 3.06 | 0.787 | 0.672A | 0.427 | 0.583 | 2.04 | 1.70 | 2.84 | 28 |
| 29 | 0.967 | | 13.0 | 2.69 | 2.83 | 0.885 | 0.618A | 0.348 | 0.885 | 1.85 | 1.88 | 2.71 | 29 |
| 30 | 0.988 | | 13.7 | 2.46 | 2.48 | 0.781 | 0.780A | 0.330 | 1.06 | 1.88 | 2.14 | 2.61 | 30 |
| 31 | 0.940 | | 12.3 | | 2.35 | | 0.659 | 0.578 | | 1.58 | | 2.57 | 31 |
| TOTAL | 36.644 | 34.955 | 184.43 | 117.19 | 80.477 | 37.101 | 26.856 | 15.363 | 18.558 | 41.464 | 58.70 | 109.48 | TOTAL |
| MEAN | 1.18 | 1.25 | 4.95 | 3.91 | 1.63 | 1.24 | 0.866 | 0.496 | 0.852 | 1.34 | 1.95 | 3.53 | MEAN |
| MAX | 1.38 | 1.65 | 14.7 | 10.5 | 3.06 | 2.43 | 1.60 | 0.782 | 1.10 | 2.04 | 2.42 | 8.10 | MAX |
| MIN | 0.940 | 0.969 | 1.44 | 1.08 | 0.788 | 0.784 | 0.618 | 0.343 | 0.465 | 0.931 | 1.50 | 2.28 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.82
MAXIMUM DAILY 14.7 ON MAR 27
MINIMUM DAILY 0.343 ON AUG 13
MAXIMUM INSTANTANEOUS
15.1 AT 01 54 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 38 N
LONG 81 05 50 W
DRAINAGE AREA 207 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 170 | JUL | 2 320 |
| FEB | 3 020 | AUG | 1 330 |
| MAR | 13 300 | SEP | 1 690 |
| APR | 10 100 | OCT | 3 580 |
| MAY | 4 380 | NOV | 5 070 |
| JUN | 3 210 | DEC | 9 460 |

TOTAL DISCHARGE 80 800 dam³

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AND FORMERLY PUBLISHED UNDER STA. NO. 02CP106

## KABINAKAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.08 | 14.38 | 11.78 | 13.18 | 66.0 | 55.8 | 25.8 | --- | --- | --- | --- | --- | 1 |
| 2 | 19.88 | 14.18 | 11.78 | 13.28 | 63.0 | 52.8 | 23.8 | --- | --- | --- | --- | --- | 2 |
| 3 | 19.68 | 14.08 | 11.78 | 13.38 | 59.7 | 49.9 | 23.8 | --- | --- | --- | --- | --- | 3 |
| 4 | 19.38 | 14.08 | 11.68 | 13.48 | 57.0 | 47.4 | 25.7 | --- | --- | --- | --- | --- | 4 |
| 5 | 19.08 | 13.98 | 11.69 | 13.78 | 54.8 | 44.9 | 24.3 | --- | --- | --- | --- | --- | 5 |
| 6 | 18.78 | 13.88 | 11.59 | 14.18 | 52.7 | 42.8 | 23.0 | --- | --- | --- | --- | --- | 6 |
| 7 | 18.48 | 13.78 | 11.58 | 14.88 | 51.1 | 40.7 | 21.7 | --- | --- | --- | --- | --- | 7 |
| 8 | 18.18 | 13.68 | 11.48 | 15.48 | 49.5 | 40.5 | --- | --- | --- | --- | --- | --- | 8 |
| 9 | 17.88 | 13.58 | 11.48 | 17.08 | 47.8 | 39.8 | --- | --- | --- | --- | --- | --- | 9 |
| 10 | 17.68 | 13.48 | 11.38 | 20.08 | 47.0 | 38.5 | --- | --- | --- | --- | --- | --- | 10 |
| 11 | 17.48 | 13.38 | 11.38 | 26.58 | 45.5 | 37.1 | --- | --- | --- | --- | --- | --- | 11 |
| 12 | 17.28 | 13.28 | 11.28 | 39.08 | 44.6 | 37.6 | --- | --- | --- | --- | --- | --- | 12 |
| 13 | 17.08 | 13.18 | 11.28 | 49.08 | 43.6 | 36.5 | --- | --- | --- | --- | --- | --- | 13 |
| 14 | 16.88 | 13.18 | 11.28 | 55.08 | 43.2 | 37.9 | --- | --- | --- | --- | --- | --- | 14 |
| 15 | 16.68 | 13.08 | 11.28 | 60.08 | 42.3 | 36.4 | --- | --- | --- | --- | --- | --- | 15 |
| 16 | 16.48 | 12.98 | 11.18 | 64.58 | 40.5 | 34.5 | --- | --- | --- | --- | --- | --- | 16 |
| 17 | 16.28 | 12.88 | 11.18 | 83.08 | 39.7 | 32.8 | --- | --- | --- | --- | --- | --- | 17 |
| 18 | 16.08 | 12.78 | 11.18 | 108 | 38.4 | 31.4 | --- | --- | --- | --- | --- | --- | 18 |
| 19 | 15.88 | 12.68 | 11.18 | 118 | 36.8 | 30.4 | --- | --- | --- | --- | --- | --- | 19 |
| 20 | 15.78 | 12.58 | 11.18 | 133 | 36.1 | 29.0 | --- | --- | --- | --- | --- | --- | 20 |
| 21 | 15.58 | 12.48 | 11.18 | 123 | 35.8 | 27.4 | --- | --- | --- | --- | --- | --- | 21 |
| 22 | 15.48 | 12.38 | 11.28 | 116 | 39.7 | 26.2 | --- | --- | --- | --- | --- | --- | 22 |
| 23 | 15.28 | 12.28 | 11.38 | 107 | 46.3 | 25.2 | --- | --- | --- | --- | --- | --- | 23 |
| 24 | 15.18 | 12.18 | 11.38 | 95.9 | 54.7 | 24.4 | --- | --- | --- | --- | --- | --- | 24 |
| 25 | 15.08 | 12.18 | 11.48 | 87.6 | 60.7 | 24.3 | --- | --- | --- | --- | --- | --- | 25 |
| 26 | 14.98 | 12.08 | 11.68 | 80.3 | 62.6 | 26.0 | --- | --- | --- | --- | --- | --- | 26 |
| 27 | 14.88 | 11.98 | 11.98 | 75.4 | 61.3 | 29.1 | --- | --- | --- | --- | --- | --- | 27 |
| 28 | 14.78 | 11.88 | 12.38 | 73.0 | 59.6 | 29.2 | --- | --- | --- | --- | --- | --- | 28 |
| 29 | 14.68 | | 12.98 | 70.7 | 56.9 | 26.6 | --- | --- | --- | --- | --- | --- | 29 |
| 30 | 14.58 | | 12.88 | 68.7 | 54.2 | 27.2 | --- | --- | --- | --- | --- | --- | 30 |
| 31 | 14.48 | | 13.08 | | 57.8 | | --- | --- | --- | --- | --- | --- | 31 |
| TOTAL | 517.5 | 384.3 | 357.4 | 1 772.6 | 1 554.9 | 1 066.3 | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 16.7 | 13.0 | 11.5 | 59.1 | 50.2 | 35.5 | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 20.0 | 14.3 | 13.0 | 123 | 66.0 | 55.8 | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 14.4 | 11.8 | 11.1 | 13.1 | 35.8 | 24.3 | --- | --- | --- | --- | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY 11.18 ON MAR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 39 N
LONG 84 06 13 W
DRAINAGE AREA 3 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 44 700 | JUL | --- |
| FEB | 31 500 | AUG | --- |
| MAR | 30 900 | SEP | --- |
| APR | 153 000 | OCT | --- |
| MAY | 134 000 | NOV | --- |
| JUN | 92 100 | DEC | --- |

REMARKS - STATION DISCONTINUED JULY 17 1987

## KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE - STATION NO 02AB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 46.2 | 36 4 | 46 0 | 18 8 | 17 6 | 17 5 | 25 7 | 25 8 | 17 3 | 17 5 | 17 5 | 12 8 | 1 |
| 2 | 46.2 | 36 4 | 46 5 | 21 6 | 18 6 | 19 7 | 24 0 | 27 2 | 17 4 | 14 2 | 17 0 | 12 8 | 2 |
| 3 | 47 3 | 42 2 | 46 0 | 18 9 | 17 3 | 20 6 | 24 8 | 24 0 | 17 6 | 17 1 | 17 1 | 12 8 | 3 |
| 4 | 46.2 | 43 2 | 46 0 | 20 4 | 17 3 | 17 8 | 25 2 | 22 5 | 17 7 | 16 0 | 17 1 | 12 8 | 4 |
| 5 | 46 2 | 43 9 | 46 0 | 22 4 | 18 7 | 22 0 | 27 2 | 21 6 | 18 6 | 14 4 | 17 4 | 13 2 | 5 |
| 6 | 47 3 | 44 7 | 45 6 | 23 2 | 19 9 | 19 8 | 24 6 | 21 6 | 18 6 | 15 3 | 17 0 | 15 2 | 6 |
| 7 | 47 7 | 45 3 | 46 0 | 27 4 | 19 1 | 18 7 | 25 1 | 20 5 | 19 5 | 15 0 | 17 0 | 15 3 | 7 |
| 8 | 44 7 | 46 0 | 46 2 | 24 7 | 19 1 | 19 9 | 24 7 | 19 2 | 20 2 | 17 5 | 17 0 | 15 7 | 8 |
| 9 | 44 4 | 47 0 | 46 9 | 25 5 | 17 1 | 18 0 | 25 0 | 18 4 | 22 8 | 18 3 | 17 0 | 14 0 | 9 |
| 10 | 46.7 | 46 5 | 46 2 | 22 0 | 17 1 | 17 9 | 25 8 | 20 2 | 20 0 | 20 9 | 17 0 | 14 4 | 10 |
| 11 | 47 5 | 43 8 | 46 4 | 21 8 | 17 1 | 17 6 | 26 0 | 18 8 | 23 3 | 26 0 | 17 0 | 14 9 | 11 |
| 12 | 46 9 | 48 9 | 46 2 | 21 5 | 17 1 | 16 9 | 25 8 | 26 1 | 27 6 | 23 9 | 17 0 | 13 5 | 12 |
| 13 | 44 2 | 48 8 | 46 2 | 19 1 | 17 5 | 18 7 | 26 5 | 56 5 | 23 3 | 23 1 | 17 2 | 14 2 | 13 |
| 14 | 46 2 | 47 1 | 46 2 | 17 1 | 20 2 | 18 6 | 24 9 | 45 9 | 21 3 | 24 9 | 17 0 | 13 5 | 14 |
| 15 | 45.9 | 45 2 | 47 5 | 22 0 | 22 6 | 17 3 | 25 5 | 41 8 | 18 1 | 23 2 | 12 8 | 13 5 | 15 |
| 16 | 46 5 | 46 0 | 42 8 | 21 0 | 23 2 | 17 4 | 25 8 | 45 1 | 19 4 | 24 8 | 13 6 | 12 4 | 16 |
| 17 | 45 8 | 47 7 | 36 9 | 21 7 | 27 0 | 21 2 | 24 2 | 42 9 | 19 1 | 25 8 | 15 5 | 11 9 | 17 |
| 18 | 46 8 | 46 0 | 36 2 | 18 7 | 26 4 | 21 8 | 23 8 | 45 4 | 17 7 | 25 9 | 19 2 | 11 9 | 18 |
| 19 | 45 4 | 46 0 | 36 9 | 20 3 | 26 6 | 22 5 | 24 0 | 41 5 | 19 1 | 26 2 | 20 0 | 17 1 | 19 |
| 20 | 44 9 | 47 6 | 34 0 | 19 6 | 27 7 | 23 2 | 22 [illegible] | 34 0 | 20 0 | 22 0 | 13 9 | 12 2 | 20 |
| 21 | 45 5 | 47 6 | 24 5 | 20 4 | 27 4 | 22.6 | 22 0 | 28 0 | 19 2 | 19 5 | 12 8 | 13 0 | 21 |
| 22 | 45 2 | 47 6 | 24 7 | 20 4 | 34 6 | 23 0 | 19 2 | 26 3 | 19 0 | 17 9 | 11 5 | 12 7 | 22 |
| 23 | 44 5 | 44 9 | 26 8 | 18 7 | 47 1 | 22 8 | 19 5 | 27 8 | 18 4 | 17 8 | 17 9 | 14 3 | 23 |
| 24 | 44 6 | 46 2 | 26 4 | 18 8 | 34 8 | 23 5 | 18 9 | 22 5 | 17 5 | 17 8 | 13 9 | 12 3 | 24 |
| 25 | 46 3 | 46 0 | 26 3 | 18 9 | 37 6 | 24 7 | 17 7 | 30 6 | 18 4 | 17 7 | 14 3 | 12 3 | 25 |
| 26 | 45 9 | 46 0 | 27 0 | 18 2 | 31 9 | 25 1 | 18 3 | 21 9 | 18 8 | 17 7 | 15 7 | 12 1 | 26 |
| 27 | 46 5 | 46 0 | 23 5 | 21 5 | 23 8 | 26 5 | 18 3 | 20 0 | 14 6 | 17 9 | 12 9 | 12 0 | 27 |
| 28 | 46 7 | 46 0 | 18 9 | 18 9 | 18 8 | 26 3 | 18 7 | 17 7 | 13 0 | 17 7 | 14 7 | 12 1 | 28 |
| 29 | 30 1 | | 21 3 | 19 5 | 8 40 | 25 1 | 18 8 | 18 0 | 13 0 | 17 6 | 12 9 | 12 0 | 29 |
| 30 | 26 8 | | 18 8 | 18 0 | 24 4 | 25 0 | 20 7 | 17 9 | 13 2 | 17 7 | 12 8 | 12 0 | 30 |
| 31 | 23 0 | | 18 0 | | 19 3 | | 25 8 | 18 3 | | 17 4 | | 12 3 | 31 |
| TOTAL | 1 375 1 | 1 274 8 | 1 148 9 | 621 0 | 700 90 | 631.5 | 719 3 | 855 8 | 562 5 | 607 3 | 479 7 | 411 2 | TOTAL |
| MEAN | 44 4 | 45 5 | 37 1 | 20 7 | 22 6 | 21 1 | 23 2 | 27 6 | 18 8 | 19 6 | 15 0 | 13 3 | MEAN |
| MAX | 48 2 | 48 3 | 46 9 | 27 4 | 47 1 | 26 5 | 27 2 | 56 5 | 27 6 | 26 0 | 20 0 | 17 1 | MAX |
| MIN | 23 0 | 36 4 | 18 0 | 17 1 | 8 40 | 16 9 | 17 7 | 18 4 | 13 0 | 14 2 | 12 8 | 11 9 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 25 7
MAXIMUM DAILY 56 5 ON AUG 13
MINIMUM DAILY 8 40 ON MAY 29

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 24 58 N
LONG 89 37 51 W
DRAINAGE AREA 6 710 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 119 000 | JUL | 62 100 |
| FEB | 110 000 | AUG | 73 900 |
| MAR | 98 400 | SEP | 46 800 |
| APR | 53 700 | OCT | 52 500 |
| MAY | 60 600 | NOV | 41 400 |
| JUN | 54 800 | DEC | 35 500 |

TOTAL DISCHARGE 811 000 dam³

## KAMINISTIQUIA RIVER AT KAMINISTIQUIA - STATION NO 02AB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 53 2 | 39 6 | 50 8 | 23 1 | 18 5 | 21 0 | 27 4 | 26 3 | 20 8 | 18 2 | 18 3 | 18 4 | 1 |
| 2 | 52 1 | 42 1 | 51 0 | 20 7 | 18 9 | 22 0 | 25 8 | 28 5 | 20 1 | 18 5 | 18 1 | 17 5 | 2 |
| 3 | 52 8 | 46 0 | 50 5 | 21 3 | 18 7 | 21 8 | 25 7 | 27 0 | 20 4 | 18 5 | 18 6 | 16 1 | 3 |
| 4 | 52 7 | 46 9 | 50 8 | 22 6 | 18 5 | 22 0 | 25 6 | 26 0 | 21 0 | 18 0 | 18 0 | 17 9 | 4 |
| 5 | 52 7 | 46 0 | 51 2 | 22 7 | 18 9 | 21 9 | 26 7 | 24 7 | 21 6 | 17 4 | 18 4 | 19 6 | 5 |
| 6 | 53 0 | 50 2 | 51 6 | 24 4 | 20 0 | 20 8 | 27 3 | 24 2 | 20 2 | 17 4 | 20 6 | 19 5 | 6 |
| 7 | 51 1 | 54 1 | 53 2 | 23 6 | 19 3 | 21 2 | 27 5 | 23 1 | 22 0 | 20 3 | 21 0 | 19 2 | 7 |
| 8 | 48 9 | 55 6 | 53 2 | 23 2 | 19 3 | 20 8 | 27 5 | 22 9 | 23 8 | 19 3 | 18 8 | 19 0 | 8 |
| 9 | 49 9 | 51 8 | 54 6 | 21 8 | 19 0 | 20 0 | 27 2 | 22 6 | 23 6 | 18 0 | 17 8 | 18 2 | 9 |
| 10 | 51 3 | 50 6 | 53 2 | 20 6 | 18 4 | 19 5 | 27 8 | 22 5 | 22 1 | 25 5 | 19 4 | 17 7 | 10 |
| 11 | 52 4 | 46 8 | 53 5 | 18 5 | 18 6 | 19 4 | 29 1 | 22 4 | 25 6 | 29 1 | 20 8 | 17 3 | 11 |
| 12 | 52 6 | 53 4 | 53 9 | 18 6 | 18 8 | 18 8 | 28 7 | 27 3 | 29 7 | 26 2 | 19 2 | 17 1 | 12 |
| 13 | 47 9 | 53 6 | 54 1 | 17 7 | 19 3 | 21 3 | 28 6 | 50 2 | 26 6 | 25 6 | 18 8 | 17 0 | 13 |
| 14 | 51 0 | 52 6 | 53 4 | 17 4 | 19 9 | 19 3 | 29 0 | 49 6 | 23 7 | 25 0 | 17 8 | 16 7 | 14 |
| 15 | 51 6 | 50 5 | 53 1 | 19 0 | 20 8 | 19 5 | 30 1 | 44 5 | 21 9 | 24 5 | 17 4 | 16 4 | 15 |
| 16 | 51 08 | 50 0 | 43 6 | 20 0 | 22 0 | 20 4 | 28 8 | 51 0 | 22 7 | 24 2 | 16 9 | 16 08 | 16 |
| 17 | 51 38 | 48 7 | 40 6 | 20 4 | 22 8 | 22 1 | 28 9 | 46 1 | 22 0 | 25 9 | 16 0 | 15 68 | 17 |
| 18 | 51 88 | 50 0 | 41 1 | 20 3 | 23 6 | 24 8 | 25 0 | 46 6 | 21 1 | 27 0 | 20 3 | 19 69 | 18 |
| 19 | 51 1 | 50 3 | 41 6 | 20 2 | 24 4 | 25 2 | 27 4 | 45 2 | 21 2 | 26 7 | 21 3 | 18 38 | 19 |
| 20 | 51 6 | 51 2 | 34 6 | 20 2 | 25 5 | 24 9 | 27 3 | 36 5 | 21 9 | 22 8 | 24 3 | 16 99 | 20 |
| 21 | 51 38 | 51 0 | 26 2 | 20 4 | 25 4 | 24 0 | 25 0 | 29 8 | 21 9 | 20 5 | 24 9 | 17 18 | 21 |
| 22 | 52 08 | 50 7 | 25 6 | 20 7 | 28 6 | 25 7 | 23 5 | 27 6 | 21 7 | 20 1 | 26 5 | 17 08 | 22 |
| 23 | 50 98 | 48 0 | 26 3 | 20 7 | 34 2 | 24 8 | 22 7 | 30 1 | 20 3 | 19 5 | 30 6 | 17 28 | 23 |
| 24 | 51 08 | 51 0 | 26 4 | 19 7 | 35 0 | 24 5 | 23 1 | 24 9 | 20 3 | 19 2 | 17 9 | 16 08 | 24 |
| 25 | 52 08 | 51 1 | 26 7 | 20 1 | 30 7 | 25 4 | 21 6 | 24 0 | 22 4 | 19 2 | 17 8 | 15 48 | 25 |
| 26 | 51 58 | 51 3 | 24 3 | 20 3 | 30 6 | 26 1 | 21 8 | 24 6 | 18 7 | 19 5 | 18 2 | 15 78 | 26 |
| 27 | 52 08 | 51 2 | 23 5 | 21 0 | 33 4 | 26 6 | 21 2 | 22 4 | 18 1 | 19 4 | 17 2 | 15 78 | 27 |
| 28 | 54 7 | 50 4 | 20 5 | 20 5 | 30 3 | 27 1 | 21 8 | 20 8 | 18 5 | 19 2 | 17 5 | 15 78 | 28 |
| 29 | 28 4 | | 20 7 | 20 5 | 23 5 | 27 3 | 22 4 | 20 4 | 18 5 | 19 1 | 16 9 | 15 78 | 29 |
| 30 | 26 2 | | 19 6 | 19 7 | 24 0 | 27 5 | 23 0 | 22 3 | 18 0 | 18 7 | 15 5 | 15 78 | 30 |
| 31 | 24 4 | | 18 1 | | 18 9 | | 23 5 | 22 8 | | 18 5 | | 16 08 | 31 |
| TOTAL | 1 534 2 | 1 405 9 | 1 247 8 | 621 3 | 706 2 | 686 3 | 805 5 | 936 1 | 660 6 | 682 4 | 574 0 | 531 5 | TOTAL |
| MEAN | 49 5 | 50 2 | 40 2 | 20 7 | 22 8 | 22 9 | 26 0 | 30 2 | 21 4 | 21 6 | 18 3 | 17 1 | MEAN |
| MAX | 54 7 | 55 6 | 54 6 | 34 4 | 35 0 | 27 5 | 30 1 | 51 0 | 29 7 | 29 1 | 26 5 | 19 6 | MAX |
| MIN | 24.2 | 39 6 | 18 1 | 17 4 | 18 4 | 18 8 | 21 2 | 20 4 | 15 5 | 17 4 | 15 5 | 15 6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 38 4
MAXIMUM DAILY 51 9 ON FEB 9
MINIMUM DAILY 15 5 ON SEP 29
MAXIMUM INSTANTANEOUS
76 5 AT 10 53 EST ON FEB 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 31 58 N
LONG 89 36 39 W
DRAINAGE AREA 6 480 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 133 000 | JUL | 89 500 |
| FEB | 121 000 | AUG | 80 900 |
| MAR | 106 000 | SEP | 55 300 |
| APR | 53 700 | OCT | 57 200 |
| MAY | 61 000 | NOV | 49 500 |
| JUN | 59 300 | DEC | 45 900 |

TOTAL DISCHARGE 855 000 dam³

## KAMINISTIQUIA RIVER AT OUTLET OF DOG LAKE - STATION NO 02AB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 38 0 | 31 1 | 43 6 | 15 9 | 8 30 | 13 4 | 25 8 | 18 5 | 7 40 | --- | 0 | 1 80 | 1 |
| 2 | 38 1 | 38 8 | 43 7 | 11 8 | 10 5 | 7 90 | 22 8 | 16 2 | 8 70 | --- | 0 | 1 80 | 2 |
| 3 | 38 9 | 39 1 | 43 8 | 14 2 | 11 0 | 7 80 | 25 7 | 14 7 | 9 80 | --- | 0 | 4 10 | 3 |
| 4 | 38 9 | 40 5 | 44 0 | 16 3 | 13 7 | 8 90 | 27 5 | 17 8 | 8 40 | --- | 0 | 5 30 | 4 |
| 5 | 38 0 | 39 3 | 43 7 | 14 5 | 12 5 | 8 80 | 25 7 | 17 2 | 7 80 | --- | 5 30 | 1 70 | 5 |
| 6 | 40 1 | 36 5 | 43 8 | 12 7 | 10 3 | 9 70 | 28 5 | 15 1 | 10 5 | 5 30 | 5 10 | 0 | 6 |
| 7 | 40 7 | 40 0 | 40 7 | 8 00 | 14 2 | 10 2 | 23 1 | 18 6 | 6 30 | 3 10 | 1 80 | 0 | 7 |
| 8 | 42 0 | 39 1 | 41 8 | 5 70 | 10 2 | 8 50 | 25 4 | 15 1 | 5 50 | 0 | 1 80 | 0 | 8 |
| 9 | 43 7 | 37 5 | 42 8 | 2 00 | 10 2 | 8 40 | 24 5 | 17 7 | 2 00 | 2 20 | 5 50 | 0 100 | 9 |
| 10 | 44 1 | 38 9 | 40 5 | 0 | 12 9 | 10 1 | 25 4 | 17 2 | 6 90 | 4 10 | 5 20 | 0 | 10 |
| 11 | 44 3 | 36 4 | 42 9 | 3 00 | 12 9 | 8 40 | 28 0 | 18 0 | 3 40 | 0 | 3 00 | --- | 11 |
| 12 | 42 3 | 41 2 | 43 1 | --- | 14 5 | 15 7 | 24 5 | 5 30 | 0 | 0 | 2 30 | --- | 12 |
| 13 | 42 3 | 40 8 | 42 8 | 4 90 | 17 7 | 11 1 | 24 9 | 0 | 0 | 0 | 3 20 | --- | 13 |
| 14 | 43 9 | 42 6 | 42 9 | 7 50 | 16 0 | 13 3 | 26 8 | 0 | 1 70 | 0 | 1 70 | --- | 14 |
| 15 | 44 0 | 43 0 | 40 6 | 8 90 | 22 4 | 14 7 | 26 0 | 0 | 5 30 | 0 | 0 | 0 | 15 |
| 16 | 43 9 | 43 1 | 31 8 | 5 80 | 21 2 | 15 7 | 27 8 | 0 | 8 90 | 1 90 | --- | 0 | 16 |
| 17 | 44 8 | 42 4 | 31 3 | 7 80 | 21 5 | 21 5 | 23 6 | 0 | 7 30 | 0 | --- | 8 70 | 17 |
| 18 | 43 9 | 42 7 | 32 4 | 5 80 | 23 9 | 25 1 | 36 0 | --- | 7 50 | 0 | --- | 5 40 | 18 |
| 19 | 43 0 | 43 7 | 32 9 | 7 50 | 24 7 | 23 8 | 23 3 | 0 | 7 70 | 0 | --- | --- | 19 |
| 20 | 44 5 | 43 7 | 18 3 | 7 40 | 21 9 | 20 5 | 26 3 | 0 | 1 90 | 0 | --- | 4 80 | 20 |
| 21 | 45 3 | 43 7 | 14 8 | 5 80 | 17 4 | 22 8 | 16 5 | 2 80 | 0 | 0 | 7 50 | 3 50 | 21 |
| 22 | 44 8 | 41 5 | 13 9 | 6 90 | 17 1 | 24 3 | 17 4 | 8 30 | 0 | 0 | 1 80 | 4 20 | 22 |
| 23 | 44 8 | 42 9 | 12 7 | 9 70 | 0 | 22 1 | 19 9 | 5 50 | 3 70 | 0 | --- | --- | 23 |
| 24 | 44 4 | 43 8 | 11 1 | 9 70 | 1 70 | 24 5 | 18 4 | 5 70 | 7 40 | --- | 1 90 | 3 80 | 24 |
| 25 | 44 4 | 43 7 | 13 8 | 9 70 | 12 2 | 25 0 | 21 4 | 9 00 | 3 30 | --- | 0 | 1 90 | 25 |
| 26 | 45 0 | 43 7 | 11 3 | 12 3 | 4 90 | 29 9 | 17 1 | 5 30 | 0 | --- | 0 | 2 30 | 26 |
| 27 | 45 7 | 43 6 | 10 4 | 8 30 | 0 | 29 1 | 20 5 | 5 70 | 3 70 | --- | 0 | 1 90 | 27 |
| 28 | 36 5 | 43 8 | 9 20 | 11 0 | 5 80 | 27 0 | 18 8 | 8 40 | 3 40 | --- | 0 | 0 | 28 |
| 29 | 16 8 | | 11 5 | 7 40 | 10 2 | 23 8 | 21 6 | 9 50 | 2 30 | --- | 0 | 4 80 | 29 |
| 30 | 16 0 | | 8 30 | 10 1 | 5 30 | 27 4 | 21 1 | 11 0 | 1 80 | --- | 4 40 | 1 80 | 30 |
| 31 | 29 9 | | 10 6 | | 7 30 | | 18 5 | 5 10 | | --- | | 3 40 | 31 |
| TOTAL | 1 253 8 | 1 143 7 | 914 80 | --- | 382 40 | 518 10 | 731 0 | --- | 140 40 | --- | --- | --- | TOTAL |
| MEAN | 40 5 | 40 8 | 29 5 | --- | 12 7 | 17 3 | 23 6 | --- | 4 68 | --- | --- | --- | MEAN |
| MAX | 45 7 | 43 8 | 44 0 | --- | 24 7 | 29 9 | 36 0 | --- | 10 5 | --- | --- | --- | MAX |
| MIN | 16 8 | 31 1 | 8 30 | --- | 0 | 5 80 | 16 4 | --- | 0 | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 45 7 ON JAN 27
MINIMUM DAILY, 0 ON APR 10

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 42 30 N
LONG 89 38 00 W
DRAINAGE AREA 3 760 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 109 000 | JUL | 63 200 |
| FEB | 96 800 | AUG | --- |
| MAR | 79 000 | SEP | 12 100 |
| APR | --- | OCT | --- |
| MAY | 33 900 | NOV | --- |
| JUN | 44 800 | DEC | --- |

## KAPUSKASING RIVER AT KAPUSKASING - STATION NO 04LF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25 0 | 17 0 | 16 0 | 22 0 | 130 | 78 0 | 40 0 | 60 0 | 14 0 | 8 00 | 38 0 | 31 0 | 1 |
| 2 | 25 0 | 17 0 | 16 0 | 22 0 | 128 | 72 0 | 37 0 | 60 0 | 15 0 | 14 0 | 37 0 | 30 0 | 2 |
| 3 | 25 0 | 15 0 | 16 0 | 22 0 | 123 | 69 0 | 31 0 | 57 0 | 14 0 | 12 0 | 32 0 | 29 0 | 3 |
| 4 | 24 0 | 17 0 | 16 0 | 22 0 | 98 0 | 71 0 | 34 0 | 65 0 | 12 0 | 17 0 | 41 0 | 28 0 | 4 |
| 5 | 24 0 | 17 0 | 16 0 | 22 0 | 100 | 66 0 | 31 0 | 88 0 | 13 0 | 23 0 | 44 0 | 23 0 | 5 |
| 6 | 24 0 | 17 0 | 16 0 | 23 0 | 93 0 | 67 0 | 26 0 | 85 0 | 5 00 | 31 0 | 44 0 | 25 0 | 6 |
| 7 | 24 0 | 12 0 | 17 0 | 24 0 | 88 0 | 55 0 | 27 0 | 71 0 | 12 0 | 27 0 | 44 0 | 25 0 | 7 |
| 8 | 24 0 | 14 0 | 17 0 | 25 0 | 76 0 | 55 0 | 25 0 | 63 0 | 21 0 | 37 0 | 41 0 | 23 0 | 8 |
| 9 | 23 0 | 17 0 | 17 0 | 28 0 | 78 0 | 43 0 | 21 0 | 53 0 | 8 00 | 25 0 | 35 0 | 26 0 | 9 |
| 10 | 23 0 | 17 0 | 14 0 | 33 0 | 73 0 | 48 0 | 20 0 | 39 0 | 8 00 | 25 0 | 31 0 | 27 0 | 10 |
| 11 | 23 0 | 17 0 | 16 0 | 44 0 | 62 0 | 48 0 | 21 0 | 34 0 | 8 00 | 25 0 | 32 0 | 27 0 | 11 |
| 12 | 23 0 | 17 0 | 16 0 | 62 0 | 67 0 | 48 0 | 26 0 | 35 0 | 8 00 | 27 0 | 33 0 | 27 0 | 12 |
| 13 | 22 0 | 17 0 | 16 0 | 78 0 | 67 0 | 48 0 | 47 0 | 33 0 | 8 00 | 28 0 | 37 0 | 33 0 | 13 |
| 14 | 23 0 | 17 0 | 16 0 | 113 | 63 0 | 64 0 | 53 0 | 26 0 | 10 0 | 27 0 | 38 0 | 33 0 | 14 |
| 15 | 23 0 | 17 0 | 16 0 | 148 | 62 0 | 55 0 | 74 0 | 26 0 | 10 0 | 25 0 | 39 0 | 33 0 | 15 |
| 16 | 21 0 | 17 0 | 16 0 | 178 | 60 0 | 58 0 | 80 0 | 25 0 | 10 0 | 28 0 | 29 0 | 33 0 | 16 |
| 17 | 21 0 | 15 0 | 12 0 | 233 | 57 0 | 50 0 | 50 0 | 25 0 | 10 0 | 39 0 | 32 0 | 26 0 | 17 |
| 18 | 21 0 | 15 0 | 16 0 | 267 | 52 0 | 47 0 | 50 0 | 19 0 | 10 0 | 45 0 | 43 0 | 27 0 | 18 |
| 19 | 21 0 | 15 0 | 15 0 | 276 | 48 0 | 48 0 | 50 0 | 23 0 | 10 0 | 47 0 | 50 0 | 27 0 | 19 |
| 20 | 16 0 | 16 0 | 15 0 | 280 | 33 0 | 55 0 | 58 0 | 16 0 | 10 0 | 54 0 | 48 0 | 27 0 | 20 |
| 21 | 21 0 | 17 0 | 15 0 | 272 | 45 0 | 55 0 | 71 0 | 16 0 | 10 0 | 52 0 | 46 0 | 27 0 | 21 |
| 22 | 21 0 | 17 0 | 16 0 | 268 | 48 0 | 50 0 | 71 0 | 21 0 | 10 0 | 46 0 | 47 0 | 27 0 | 22 |
| 23 | 21 0 | 17 0 | 17 0 | 237 | 45 0 | 45 0 | 96 0 | 19 0 | 10 0 | 50 0 | 40 0 | 27 0 | 23 |
| 24 | 19 0 | 17 0 | 17 0 | 215 | 45 0 | 38 0 | 142 | 19 0 | 10 0 | 48 0 | 41 0 | 25 0 | 24 |
| 25 | 19 0 | 17 0 | 17 0 | 202 | 88 0 | 36 0 | 173 | 16 0 | 10 0 | 47 0 | 40 0 | 21 0 | 25 |
| 26 | 19 0 | 16 0 | 17 0 | 181 | 88 0 | 37 0 | 172 | 23 0 | 10 0 | 40 0 | 37 0 | 23 0 | 26 |
| 27 | 19 0 | 16 0 | 17 0 | 168 | 87 0 | 37 0 | 127 | 20 0 | 10 0 | 37 0 | 35 0 | 23 0 | 27 |
| 28 | 19 0 | 16 0 | 18 0 | 160 | 83 0 | 44 0 | 112 | 21 0 | 10 0 | 39 0 | 33 0 | 23 0 | 28 |
| 29 | 18 0 | | 21 0 | 153 | 92 0 | 46 0 | 112 | 18 0 | 12 0 | 39 0 | 38 0 | 23 0 | 29 |
| 30 | 17 0 | | 22 0 | 148 | 83 0 | 38 0 | 78 0 | 17 0 | 8 00 | 39 0 | 29 0 | 23 0 | 30 |
| 31 | 17 0 | | 17 0 | | 78 0 | | 74 0 | 17 0 | | 39 0 | | 21 0 | 31 |
| TOTAL | 682 0 | 470 0 | 512 0 | 3 906 0 | 2 412 0 | 1 669 0 | 2 012 0 | 1 141 0 | 318 00 | 1 020 00 | 1 123 0 | 826 0 | TOTAL |
| MEAN | 21 4 | 16 8 | 16 5 | 130 | 77 8 | 52 3 | 64 9 | 36 8 | 10 6 | 32 9 | 37 4 | 26 6 | MEAN |
| MAX | 25 0 | 19 0 | 22 0 | 280 | 130 | 78 0 | 173 | 88 0 | 21 0 | 54 0 | 50 0 | 33 0 | MAX |
| MIN | 15 0 | 12 0 | 12 0 | 22 0 | 33 0 | 36 0 | 20 0 | 16 0 | 8 00 | 8 00 | 27 0 | 21 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 43 8
MAXIMUM DAILY, 280 ON APR 20
MINIMUM DAILY, 8 00 ON SEP 8

DATA CONTRIBUTED BY -
SPRUCE FALLS POWER AND PAPER COMPANY

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 04 N
LONG 82 26 15 W
DRAINAGE AREA 5 780 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 57 200 | JUL | 174 000 |
| FEB | 40 600 | AUG | 98 600 |
| MAR | 44 200 | SEP | 27 500 |
| APR | 337 000 | OCT | 88 100 |
| MAY | 208 000 | NOV | 97 000 |
| JUN | 138 000 | DEC | 71 400 |

TOTAL DISCHARGE 1 380 000 dam³

## KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE - STATION NO. 02AB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.70 | 3.00 | 3.20 | 0 | 0 | 0 | 0 | 0 | 5.90 | 4.00 | 0 | 3.00 | 1 |
| 2 | 4.70 | 3.00 | 3.20 | 0 | 0 | 0 | 0 | 0 | 5.50 | 4.00 | 0 | 3.00 | 2 |
| 3 | 4.60 | 2.90 | 3.20 | 0 | 0 | 0 | 0 | 0 | 5.10 | 3.80 | 2.40 | 3.00 | 3 |
| 4 | 4.50 | 5.20 | 3.10 | 0 | 0 | 0 | 0 | 0 | 5.80 | 3.80 | 4.30 | 3.00 | 4 |
| 5 | 4.40 | 7.00 | 3.10 | 0 | 0 | 0 | 0 | 0 | 5.50 | 3.70 | 4.20 | 3.00 | 5 |
| 6 | 4.30 | 5.90 | 3.00 | 0 | 0 | 0 | 0 | 0 | 5.70 | 3.70 | 4.10 | 3.00 | 6 |
| 7 | 4.30 | 5.50 | 3.00 | 0 | 0 | 0 | 0 | 0 | 5.70 | 3.70 | 4.00 | 3.00 | 7 |
| 8 | 4.20 | 5.30 | 3.00 | 0 | 0 | 0 | 0 | 0 | 5.70 | 3.60 | 3.90 | 2.90 | 8 |
| 9 | 4.00 | 5.20 | 2.80 | 0 | 0 | 0 | 0 | 0 | 5.70 | 3.60 | 3.80 | 2.90 | 9 |
| 10 | 3.90 | 5.90 | 2.80 | 0 | 0 | 0 | 0 | 0 | 5.50 | 3.60 | 3.80 | 2.90 | 10 |
| 11 | 3.90 | 5.90 | 2.80 | 0 | 0 | 0 | 0 | 0 | 5.50 | 3.60 | 3.70 | 2.90 | 11 |
| 12 | 3.80 | 5.70 | 2.80 | 0 | 0 | 0 | 0 | 0.800 | 5.50 | 3.60 | 3.80 | 2.90 | 12 |
| 13 | 3.80 | 4.70 | 2.80 | 0 | 0 | 0 | 0 | 2.00 | 5.50 | 3.80 | 3.50 | 2.90 | 13 |
| 14 | 3.70 | 4.10 | 2.80 | 0 | 0 | 0 | 0 | 2.00 | 5.50 | --- | 3.50 | 2.90 | 14 |
| 15 | 3.70 | 4.00 | 2.80 | 0 | 0 | 0 | 0 | 2.20 | 5.20 | 3.30 | 3.40 | 2.90 | 15 |
| 16 | 3.70 | 3.90 | 2.80 | 0 | 0 | 0 | 0 | 3.30 | 5.20 | 3.30 | 3.40 | 2.90 | 16 |
| 17 | 3.60 | 3.80 | 2.70 | 0 | 0 | 0 | 0 | 0 | 5.20 | 3.30 | 3.40 | 2.80 | 17 |
| 18 | 3.50 | 3.80 | 2.60 | 0 | 0 | 0 | 0 | 4.30 | 5.00 | 3.30 | 3.50 | 2.80 | 18 |
| 19 | 3.50 | 3.80 | 2.80 | 0 | 0 | 0 | 0 | 4.80 | 5.00 | 1.40 | 3.50 | 2.80 | 19 |
| 20 | 3.40 | 3.70 | 2.80 | 0 | 0 | 0 | 0 | 4.80 | 5.00 | 0 | 3.50 | 2.80 | 20 |
| 21 | 3.40 | 3.70 | 2.80 | 0 | 0 | 0 | 0 | 4.80 | 5.00 | 0 | 3.50 | 2.80 | 21 |
| 22 | 3.30 | 3.50 | 2.50 | 0 | 0 | 0 | 0 | 5.20 | 4.80 | 0 | 3.50 | 2.80 | 22 |
| 23 | 3.30 | 3.50 | 1.40 | 0 | 0 | 0 | 0 | 5.20 | 4.60 | 0 | 3.40 | 2.80 | 23 |
| 24 | 3.30 | 3.50 | 0 | 0 | 0 | 0 | 0 | 5.20 | 4.60 | 0 | 3.40 | 2.80 | 24 |
| 25 | 3.30 | 3.50 | 0 | 0 | 0 | 0 | 0 | 5.20 | 4.40 | 0 | 3.40 | 2.80 | 25 |
| 26 | 3.20 | 3.40 | 0 | 0 | 0 | 0 | 0 | 5.20 | 4.30 | 0 | 3.30 | 2.70 | 26 |
| 27 | 3.20 | 3.40 | 0 | 0 | 0 | 0 | 0 | 5.20 | 4.30 | 0 | 3.30 | 2.70 | 27 |
| 28 | 3.10 | 3.30 | 0 | 0 | 0 | 0 | 0 | 5.80 | 4.20 | 0 | 3.10 | 2.70 | 28 |
| 29 | 3.10 | | 0 | 0 | 0 | 0 | 0 | 7.80 | 4.20 | 0 | 3.10 | 2.70 | 29 |
| 30 | 3.10 | | 0 | 0 | 0 | 0 | 0 | 7.60 | 4.10 | 0 | 3.10 | 2.70 | 30 |
| 31 | 3.00 | | 0 | | 0 | | 0 | 7.80 | | 0 | | 2.70 | 31 |
| TOTAL | 116.80 | 124.10 | 84.20 | 0 | 0 | 0 | 0 | 89.900 | 156.20 | --- | 98.60 | 88.50 | TOTAL |
| MEAN | 3.73 | 4.43 | 2.07 | 0 | 0 | 0 | 0 | 2.90 | 5.21 | --- | 3.28 | 2.85 | MEAN |
| MAX | 4.70 | 7.00 | 3.20 | 0 | 0 | 0 | 0 | 7.80 | 8.90 | --- | 4.30 | 3.00 | MAX |
| MIN | 3.00 | 2.90 | 0 | 0 | 0 | 0 | 0 | 0 | 4.10 | --- | 0 | 2.70 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY 7.80 ON AUG 25
MINIMUM DAILY 0 ON MAR 24

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 39 25 N
LONG 90 25 03 W
DRAINAGE AREA 526 km²

REGULATED SINCE 1963

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 9 990 | JUL | 0 |
| FEB | 10 700 | AUG | 7 770 |
| MAR | 5 950 | SEP | 13 500 |
| APR | 0 | OCT | --- |
| MAY | 0 | NOV | 8 520 |
| JUN | 0 | DEC | 7 850 |

## KAWINOGANS RIVER NEAR PICKLE CROW - STATION NO. 04FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.888 | 3.638 | 3.288 | 3.098 | 21.8 | 12.8 | 7.14 | 5.57 | 7.75 | 5.72 | 5.05 | 4.728 | 1 |
| 2 | 4.838 | 3.808 | 3.278 | 3.098 | 20.8 | 12.5 | 7.51 | 5.38 | 7.85 | 5.35 | 5.05 | 4.708 | 2 |
| 3 | 4.788 | 3.788 | 3.288 | 3.108 | 19.7 | 12.0 | 8.05 | 4.98 | 7.30 | 5.63 | 5.09 | 4.688 | 3 |
| 4 | 4.748 | 3.758 | 3.258 | 3.158 | 18.0 | 11.7 | 7.72 | 4.78 | 7.12 | 5.32 | 5.20 | 4.688 | 4 |
| 5 | 4.708 | 3.728 | 3.248 | 3.258 | 16.4 | 11.3 | 7.18 | 4.63 | 6.82 | 5.23 | 5.33 | 4.648 | 5 |
| 6 | 4.668 | 3.698 | 3.238 | 3.458 | 17.8 | 10.7 | 6.53 | 4.53 | 6.73 | 5.32 | 5.33 | 4.628 | 6 |
| 7 | 4.628 | 3.678 | 3.228 | 3.908 | 17.0 | 13.2 | 6.06 | 4.53 | 6.56 | 5.42 | 5.24 | 4.608 | 7 |
| 8 | 4.588 | 3.658 | 3.218 | 4.308 | 16.5 | 21.6 | 5.57 | 4.61 | 6.58 | 5.26 | 5.17 | 4.588 | 8 |
| 9 | 4.558 | 3.628 | 3.218 | 5.30 | 15.4 | 25.5 | 5.25 | 4.20 | 6.39 | 5.18 | 5.06 | 4.568 | 9 |
| 10 | 4.528 | 3.608 | 3.208 | 6.78 | 14.3 | 25.8 | 4.84 | 4.08 | 6.30 | 5.07 | 4.92 | 4.548 | 10 |
| 11 | 4.488 | 3.588 | 3.202 | 7.88 | 13.5 | 25.1 | 4.91 | 4.57 | 6.38 | 5.90 | 4.84 | 4.528 | 11 |
| 12 | 4.448 | 3.568 | 3.198 | 8.43 | 13.2 | 27.0 | 5.16 | 6.16 | 6.78 | 5.80 | 4.96 | 4.508 | 12 |
| 13 | 4.408 | 3.548 | 3.188 | 9.88 | 13.5 | 26.2 | 7.50 | 7.15 | 13.9 | 5.70 | 5.06 | 4.488 | 13 |
| 14 | 4.378 | 3.528 | 3.188 | 10.9 | 13.9 | 23.4 | 9.42 | 7.00 | 15.7 | 5.63 | 5.02 | 4.468 | 14 |
| 15 | 4.348 | 3.508 | 3.178 | 12.2 | 14.0 | 20.8 | 9.98 | 6.55 | 15.3 | 5.48 | 4.96 | 4.448 | 15 |
| 16 | 4.308 | 3.488 | 3.168 | 14.0 | 14.7 | 18.3 | 9.92 | 6.81 | 14.4 | 5.37 | 5.10 | 4.428 | 16 |
| 17 | 4.278 | 3.488 | 3.168 | 14.3 | 14.2 | 16.4 | 9.71 | 13.2 | 16.1 | 5.25 | 5.54 | 4.408 | 17 |
| 18 | 4.248 | 3.488 | 3.158 | 17.5 | 13.6 | 14.4 | 8.84 | 15.1 | 15.5 | 5.32 | 5.63 | 4.388 | 18 |
| 19 | 4.218 | 3.438 | 3.158 | 18.4 | 13.2 | 12.5 | 8.01 | 22.2 | 13.4 | 5.35 | 5.73 | 4.368 | 19 |
| 20 | 4.188 | 3.428 | 3.158 | 19.3 | 12.8 | 11.2 | 8.46 | 22.3 | 12.4 | 5.36 | 5.88 | 4.348 | 20 |
| 21 | 4.158 | 3.408 | 3.148 | 18.6 | 13.2 | 9.96 | 8.13 | 21.1 | 11.8 | 5.38 | 5.36 | 4.328 | 21 |
| 22 | 4.118 | 3.388 | 3.138 | 18.4 | 14.5 | 8.52 | 7.71 | 19.5 | 10.8 | 5.34 | 5.258 | 4.308 | 22 |
| 23 | 4.088 | 3.388 | 3.128 | 18.1 | 15.3 | 10.3 | 7.38 | 17.5 | 9.01 | 5.25 | 5.158 | 4.288 | 23 |
| 24 | 4.058 | 3.378 | 3.118 | 18.8 | 15.5 | 10.2 | 7.00 | 15.4 | 7.71 | 5.18 | 5.058 | 4.288 | 24 |
| 25 | 4.029 | 3.368 | 3.108 | 18.4 | 15.2 | 9.32 | 7.03 | 13.8 | 7.16 | 5.13 | 5.008 | 4.248 | 25 |
| 26 | 3.998 | 3.338 | 3.108 | 18.5 | 14.5 | 8.67 | 8.50 | 12.2 | 6.88 | 5.02 | 4.958 | 4.228 | 26 |
| 27 | 3.968 | 3.328 | 3.108 | 21.3 | 14.2 | 8.50 | 8.50 | 11.0 | 6.33 | 5.15 | 4.908 | 4.208 | 27 |
| 28 | 3.938 | 3.308 | 3.108 | 23.6 | 14.1 | 7.87 | 8.00 | 10.1 | 6.07 | 5.15 | 4.858 | 4.178 | 28 |
| 29 | 3.918 | | 3.098 | 23.6 | 14.5 | 7.50 | 7.43 | 9.28 | 5.91 | 5.04 | 4.808 | 4.148 | 29 |
| 30 | 3.888 | | 3.098 | 23.0 | 13.9 | 7.50 | 6.85 | 8.59 | 5.68 | 5.08 | 4.758 | 4.128 | 30 |
| 31 | 3.868 | | 3.088 | | 13.2 | | 6.04 | 8.21 | | 5.01 | | 4.108 | 31 |
| TOTAL | 134.03 | 98.89 | 98.23 | 378.57 | 475.4 | 441.34 | 230.24 | 304.78 | 277.88 | 174.38 | 154.05 | 138.95 | TOTAL |
| MEAN | 4.32 | 3.53 | 3.17 | 12.7 | 15.3 | 14.7 | 7.43 | 9.96 | 9.26 | 5.62 | 5.14 | 4.42 | MEAN |
| MAX | 4.88 | 3.83 | 3.28 | 23.6 | 21.8 | 27.0 | 9.98 | 22.3 | 16.1 | 5.83 | 5.73 | 4.72 | MAX |
| MIN | 3.86 | 3.30 | 3.09 | 3.09 | 12.8 | 7.50 | 4.91 | 4.08 | 5.68 | 5.01 | 4.75 | 4.10 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 7.97
MAXIMUM DAILY 27.0 ON JUN 12
MINIMUM DAILY 3.088 ON MAR 29
MAXIMUM INSTANTANEOUS
27.4 AT 13 53 EST ON JUN 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 40 N
LONG 89 53 30 W
DRAINAGE AREA 1 540 km²

8 ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11 800 | JUL | 19 900 |
| FEB | 8 540 | AUG | 26 700 |
| MAR | 8 480 | SEP | 24 000 |
| APR | 32 800 | OCT | 15 100 |
| MAY | 41 100 | NOV | 13 300 |
| JUN | 38 100 | DEC | 11 800 |

TOTAL DISCHARGE, 251 000 dam³

## KEMPTVILLE CREEK NEAR KEMPTVILLE - STATION NO 02LA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.80 | 1.920 | 1.458 | 31.9 | 3.24 | 0.885 | 0.482 | 0.092 | 0.035 | 0.090 | 1.25 | 15.9 | 1 |
| 2 | 7.578 | 1.890 | 1.448 | 28.2 | 3.15 | 0.761 | 0.441 | 0.080 | 0.034 | 0.128 | 1.23 | 14.0 | 2 |
| 3 | 7.238 | 1.848 | 1.438 | 24.5 | 3.06 | 0.652 | 0.404 | 0.083 | 0.036 | 0.133 | 1.18 | 14.9 | 3 |
| 4 | 6.808 | 1.838 | 1.428 | 22.8 | 2.83 | 0.679 | 0.482 | 0.088 | 0.035 | 0.109 | 1.36 | 14.9 | 4 |
| 5 | 6.368 | 1.818 | 1.438 | 27.1 | 2.72 | 0.659 | 0.456 | 0.077 | 0.026 | 0.093 | 1.58 | 17.8 B | 5 |
| 6 | 5.90 | 1.788 | 1.488 | 26.6 | 2.51 | 0.673 | 0.423 | 0.073 | 0.024 | 0.082 | 2.02 | 15.3 B | 6 |
| 7 | 5.178 | 1.778 | 2.258 | 25.2 | 2.21 | 0.686 | 0.374 | 0.077 | 0.022 | 0.114 | 1.93 | 14.6 B | 7 |
| 8 | 5.008 | 1.738 | 2.868 | 23.1 | 2.04 | 1.23 | 0.389 | 0.073 | 0.038 | 0.171 | 2.02 | 13.3 B | 8 |
| 9 | 4.78 | 1.728 | 3.408 | 20.5 | 1.89 | 1.81 | 0.341 | 0.088 | 0.054 | 0.188 | 3.07 | 13.2 | 9 |
| 10 | 4.48 | 1.718 | 4.428 | 18.0 | 1.82 | 1.86 | 0.312 | 0.068 | 0.048 | 0.202 | 3.72 | 16.1 | 10 |
| 11 | 4.35 | 1.898 | 4.328 | 15.9 | 1.68 | 1.89 | 0.272 | 0.068A | 0.035 | 0.185 | 3.52 | 17.8 | 11 |
| 12 | 4.23 | 1.888 | 4.208 | 14.0 | 1.63 | 2.30 | 0.284 | 0.068A | 0.068 | 0.182 | 3.29 | 17.1 | 12 |
| 13 | 4.058 | 1.858 | 4.128 | 12.5 | 1.38 | 2.37 | 0.222 | 0.071A | 0.102 | 0.183 | 3.21 | 15.8 | 13 |
| 14 | 3.848 | 1.848 | 4.028 | 10.9 | 1.18 | 2.34 A | 0.213 | 0.081 | 0.087 | 0.189 | 3.21 | 14.4 | 14 |
| 15 | 3.89 | 1.828 | 3.978 | 9.48 | 1.63 | 2.08 | 0.210 | 0.081 | 0.087 | 0.315 | 3.35 | 9.408 | 15 |
| 16 | 3.428 | 1.808 | 3.888 | 8.51 | 1.88 | 1.81 | 0.177 | 0.085 | 0.088 | 1.15 | 3.38 | 8.308 | 16 |
| 17 | 3.148 | 1.588 | 3.808 | 7.85 | 1.81 | 1.84 | 0.162 | 0.052 | 0.089 | 0.859 | 3.13 | 7.808 | 17 |
| 18 | 2.928 | 1.588 | 3.958 | 6.91 | 1.78 | 1.43 | 0.189 | 0.043 | 0.077 | 0.380 | 3.47 | 7.508 | 18 |
| 19 | 2.698 | 1.598 | 4.288 | 6.18 | 1.73 | 1.22 | 0.211 | 0.044 | 0.075 | 0.354 | 3.63 | 7.908 | 19 |
| 20 | 2.498 | 1.538 | 5.718 | 5.35 | 1.64 | 1.07 | 0.207 | 0.044 | 0.089 | 0.350 | 3.63 | 8.288 | 20 |
| 21 | 2.318 | 1.528 | 8.408 | 4.94 | 1.34 | 0.987 | 0.203 | 0.043 | 0.128 | 0.283 | 2.908 | 8.28 | 21 |
| 22 | 2.278 | 1.518 | 13.1 | 4.02 | 1.30 | 0.788 | 0.186 | 0.048 | 0.123 | 0.219 | 2.788 | 10.2 | 22 |
| 23 | 2.208 | 1.508 | 21.6 | 3.78 | 1.32 | 0.689 | 0.175 | 0.038 | 0.115 | 0.176 | 2.61 | 10.4 | 23 |
| 24 | 2.178 | 1.498 | 28.9 | 3.90 | 1.25 | 0.650 | 0.183 | 0.032 | 0.114 | 0.349 | 2.51 | 10.4 B | 24 |
| 25 | 2.138 | 1.488 | 35.5 | 3.91 | 1.15 | 0.682 | 0.276 | 0.029 | 0.101 | 0.705 | 2.80 | 11.1 | 25 |
| 26 | 2.088 | 1.478 | 43.9 | 3.51 | 1.01 | 0.518 | 0.251 | 0.033 | 0.088 | 0.815 | 2.26 | 12.7 | 26 |
| 27 | 2.058 | 1.468 | 48.8 | 3.13 | 0.933 | 0.515 | 0.181 | 0.032 | 0.087 | 0.965 | 2.528 | 9.808 | 27 |
| 28 | 2.018 | 1.458 | 47.5 | 2.92 | 0.815 | 0.589 | 0.162 | 0.033 | 0.087 | 1.11 | 2.68 | 8.808 | 28 |
| 29 | 2.008 | | 42.9 | 2.80 | 1.01 | 0.515 | 0.127 | 0.034 | 0.090 | 1.22 | 3.53 | 7.908 | 29 |
| 30 | 1.988 | | 38.5 | 2.35 | 0.973 | 0.553 | 0.126 | 0.030 | 0.088 | 1.33 | 10.2 | 7.108 | 30 |
| 31 | 1.988 | | 36.1 | | 0.938 | | 0.115 | 0.038 | | 1.22 | | 6.408 | 31 |
| TOTAL | 118.08 | 48.02 | 427.83 | 378.84 | 53.289 | 34.649 | 8.207 | 1.728 | 2.065 | 13.679 | 88.07 | 381.54 | TOTAL |
| MEAN | 3.84 | 1.84 | 13.8 | 12.7 | 1.72 | 1.15 | 0.265 | 0.058 | 0.069 | 0.441 | 2.94 | 12.3 | MEAN |
| MAX | 7.80 | 1.92 | 48.8 | 31.9 | 3.24 | 2.37 | 0.482 | 0.092 | 0.128 | 1.33 | 10.2 | 16.9 | MAX |
| MIN | 1.98 | 1.48 | 1.42 | 2.35 | 0.815 | 0.515 | 0.115 | 0.029 | 0.032 | 0.082 | 1.18 | 6.40 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 4.26
MAXIMUM DAILY 48.8 ON MAR 27
MINIMUM DAILY 0.032 ON SEP 7
MAXIMUM INSTANTANEOUS
48.8 AT 20 19 EST ON MAR 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 58 38 N
LONG 75 38 46 W
DRAINAGE AREA 409 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 10 300 | JUL | 708 |
| FEB | 3 980 | AUG | 148 |
| MAR | 37 000 | SEP | 178 |
| APR | 32 800 | OCT | 1 180 |
| MAY | 4 600 | NOV | 7 610 |
| JUN | 2 990 | DEC | 33 000 |

TOTAL DISCHARGE 134 000 dam³

## KENNY CREEK NEAR BURFORD - STATION NO 02EB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.11 | 0.351 | 0.887 | 3.48 | 0.281 | 0.273 | 0.072 | 0.051 | 0.041 | 0.052 | 0.175 | 1.77 | 1 |
| 2 | 1.02 | 0.354 | 5.24 | 2.95 | 0.283 | 0.259 | 0.072 | 0.071 | 0.040 | 0.052 | 0.155 | 1.19 | 2 |
| 3 | 0.913 | 0.359 | 5.62 | 2.70 | 0.252 | 0.302 | 0.075 | 0.067 | 0.037 | 0.052 | 0.147 | 0.882 | 3 |
| 4 | 0.711 | 0.384 | 4.06 | 3.01 | 0.237 | 0.432 | 0.115 | 0.103 | 0.034 | 0.055 | 0.144 | 0.685 | 4 |
| 5 | 0.789 | 0.385 | 2.13 | 10.5 | 0.226 | 0.250 | 0.201 | 0.080 | 0.032 | 0.053 | 0.131 | 0.580 | 5 |
| 6 | 0.675 | 0.380 | 2.04 | 12.7 | 0.218 | 0.195 | 0.139 | 0.085 | 0.032 | 0.052 | 0.134 | 0.481 | 6 |
| 7 | 0.679 | 0.376 | 5.36 | 7.18 | 0.212 | 0.182 | 0.106 | 0.089 | 0.033 | 0.055 | 0.125 | 0.436 | 7 |
| 8 | 0.881 | 0.371 | 12.9 | 4.35 | 0.207 | 0.176 | 0.132 | 0.084 | 0.032 | 0.059 | 0.123 | 0.416 | 8 |
| 9 | 0.880 | 0.3858 | 9.81 | 2.73 | 0.202 | 0.168 | 5.45 | 0.080 | 0.034 | 0.057 | 0.126 | 0.503 | 9 |
| 10 | 0.844 | 0.3408 | 5.14 | 1.78 | 0.195 | 0.155 | 5.14 | 0.138 | 0.029 | 0.058 | 0.139 | 1.27 | 10 |
| 11 | 0.838 | 0.3308 | 3.78 | 1.29 | 0.188 | 0.141 | 1.75 | 0.187 | 0.032 | 0.060 | 0.133 | 1.38 | 11 |
| 12 | 0.884 | 0.3208 | 3.06 | 1.22 | 0.184 | 0.142 | 0.741 | 0.108 | 0.042 | 0.062 | 0.134 | 1.07 | 12 |
| 13 | 0.881 | 0.3108 | 1.33 | 2.87 | 0.188 | 0.137 | 0.430 | 0.082 | 0.088 | 0.089 | 0.127 | 1.18 | 13 |
| 14 | 0.887 | 0.3058 | 1.04 | 2.89 | 0.185 | 0.128 | 0.388 | 0.087 | 0.081 | 0.080 | 0.119 | 0.972 | 14 |
| 15 | 1.11 | 0.3008 | 0.874 | 1.71 | 0.181 | 0.114 | 0.358 | 0.057 | 0.084 | 0.057 | 0.122 | 1.01 | 15 |
| 16 | 2.86 | 0.2958 | 0.787 | 1.33 | 0.183 | 0.101 | 0.288 | 0.044 | 0.058 | 0.052 | 0.124 | 2.79 | 16 |
| 17 | 2.53 | 0.289 | 0.728 | 1.08 | 0.184 | 0.093 | 0.214 | 0.043 | 0.084 | 0.062 | 0.131 | 3.84 | 17 |
| 18 | 1.43 | 0.279 | 0.691 | 0.876 | 0.181 | 0.094 | 0.172 | 0.037 | 0.086 | 0.083 | 0.142 | 2.44 | 18 |
| 19 | 0.8808 | 0.274 | 0.701 | 0.737 | 0.188 | 0.087 | 0.141 | 0.033 | 0.074 | 0.082 | 0.138 | 1.55 | 19 |
| 20 | 0.7938 | 0.286 | 0.733 | 0.632 | 0.201 | 0.084 | 0.127 | 0.033 | 0.084 | 0.085 | 0.134 | 1.84 | 20 |
| 21 | 0.7088 | 0.289 | 0.751 | 0.542 | 0.199 | 0.083 | 0.115 | 0.031 | 0.077 | 0.087 | 0.130 | 8.55 | 21 |
| 22 | 0.676 | 0.290 | 0.755 | 0.483 | 0.183 | 0.112 | 0.108 | 0.030 | 0.072 | 0.073 | 0.123 | 5.48 | 22 |
| 23 | 0.5718 | 0.303 | 0.744 | 0.418 | 0.183 | 0.119 | 0.091 | 0.029 | 0.069 | 0.101 | 0.117 | 3.37 | 23 |
| 24 | 0.4678 | 0.305 | 0.753 | 0.404 | 0.187 | 0.113 | 0.089 | 0.028 | 0.087 | 0.125 | 0.119 | 2.22 | 24 |
| 25 | 0.441 | 0.313 | 0.761 | 0.378 | 0.179 | 0.095 | 0.108 | 0.028 | 0.083 | 0.178 | 0.269 | 1.82 | 25 |
| 26 | 0.446 | 0.317 | 1.11 | 0.338 | 0.177 | 0.083 | 0.110 | 0.029 | 0.087 | 0.186 | 1.48 | 1.50 | 26 |
| 27 | 0.433 | 0.331 | 1.62 | 0.323 | 0.174 | 0.086 | 0.120 | 0.042 | 0.080 | 0.217 | 2.82 | 1.55 | 27 |
| 28 | 0.390 | 0.351 | 1.35 | 0.334 | 0.183 | 0.084 | 0.108 | 0.049 | 0.068 | 0.284 | 1.73 | 1.14 | 28 |
| 29 | 0.385 | | 1.12 | 0.322 | 0.158 | 0.082 | 0.077 | 0.050 | 0.067 | 0.343 | 1.27 | 0.7548 | 29 |
| 30 | 0.384 | | 1.40 | 0.300 | 0.152 | 0.078 | 0.088 | 0.044 | 0.069 | 0.253 | 1.84 | 0.6178 | 30 |
| 31 | 0.383 | | 3.30 | | 0.173 | | 0.059 | 0.043 | | 0.202 | | 0.559 | 31 |
| TOTAL | 34.880 | 9.032 | 79.354 | 88.622 | 5.163 | 4.451 | 19.123 | 1.880 | 1.824 | 3.194 | 12.587 | 54.325 | TOTAL |
| MEAN | 0.803 | 0.323 | 2.56 | 2.32 | 0.189 | 0.148 | 0.617 | 0.060 | 0.061 | 0.103 | 0.420 | 1.75 | MEAN |
| MAX | 2.86 | 0.376 | 12.9 | 12.7 | 0.281 | 0.432 | 5.45 | 0.187 | 0.084 | 0.343 | 2.82 | 8.55 | MAX |
| MIN | 0.383 | 0.266 | 0.691 | 0.300 | 0.152 | 0.078 | 0.059 | 0.028 | 0.029 | 0.052 | 0.119 | 0.416 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.784
MAXIMUM DAILY 12.9 ON MAR 8
MINIMUM DAILY 0.028 ON AUG 24
MAXIMUM INSTANTANEOUS
18.0 AT 21 16 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 57 N
LONG 80 25 19 W
DRAINAGE AREA 91.9 km²
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 150 | JUL | 1 650 |
| FEB | 780 | AUG | 181 |
| MAR | 6 840 | SEP | 132 |
| APR | 6 030 | OCT | 376 |
| MAY | 932 | NOV | 1 090 |
| JUN | 385 | DEC | 6 690 |

TOTAL DISCHARGE 24 700 dam³

## KENOGAMI RIVER AT KENOGAMI DAM - STATION NO. 04JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| 29 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 31 | 0 | | 0 | | | | 0 | 0 | | 0 | | 0 | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 55 05 N
LONG 88 29 17 W
DRAINAGE AREA, 4 270 km²

REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 0 |
| FEB | 0 | AUG | 0 |
| MAR | 0 | SEP | 0 |
| APR | 0 | OCT | 0 |
| MAY | 0 | NOV | 0 |
| JUN | 0 | DEC | 0 |

TOTAL DISCHARGE, 0 dam³

## KENOGAMI RIVER NEAR MANITOUWADGE - STATION NO. 04JC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63 59 | 43 78 | 37 49 | 46 08 | 487 | 361 | 113 | 270 | 172 | 384 | 282 | 2008 | 1 |
| 2 | 62 58 | 43 48 | 37 38 | 46 08 | 462 | 338 | 105 | 257 | 165 | 401 | 271 | 1928 | 2 |
| 3 | 61 58 | 43 08 | 37 28 | 46 28 | 415 | 314 | 104 | 263 | 157 | 417 | 265 | 1888 | 3 |
| 4 | 60 58 | 42 68 | 37 18 | 48 58 | 380 | 289 | 111 | 293 | 149 | 418 | 269 | 1918 | 4 |
| 5 | 59 58 | 42 38 | 37 18 | 50 58 | 361 | 273 | 137 | 322 | 142 | 406 | 282 | 1778 | 5 |
| 6 | 58 58 | 42 08 | 37 08 | 55 08 | 333 | 260 | 151 | 335 | 140 | 401 | 282 | 1738 | 6 |
| 7 | 58 08 | 41 78 | 37 08 | 62 08 | 310 | 250 | 143 | 328 | 186 | 411 | 285 | 1708 | 7 |
| 8 | 57 28 | 41 48 | 37 08 | 73 08 | 291 | 256 | 132 | 307 | 182 | 416 | 268 | 1678 | 8 |
| 9 | 56 35 | 41 18 | 36 98 | 93 08 | 277 | 295 | 117 | 288 | 203 | 412 | 2369 | 1638 | 9 |
| 10 | 55 58 | 40 68 | 36 98 | 104 8 | 268 | 333 | 112 | 262 | 207 | 389 | 2239 | 1618 | 10 |
| 11 | 54 78 | 40 58 | 36 68 | 133 8 | 246 | 321 | 130 | 278 | 204 | 377 | 2128 | 1808 | 11 |
| 12 | 54 08 | 40 38 | 36 68 | 180 8 | 234 | 311 | 193 | 273 | 201 | 359 | 2038 | 1588 | 12 |
| 13 | 53 48 | 40 18 | 36 78 | 200 8 | 221 | 332 | 223 | 267 | 225 | 341 | 1988 | 1578 | 13 |
| 14 | 52 78 | 39 78 | 36 78 | 245 8 | 213 | 339 | 246 | 257 | 262 | 322 | 1888 | 1558 | 14 |
| 15 | 52 08 | 39 58 | 36 98 | 300 8 | 206 | 319 | 260 | 253 | 281 | 306 | 1828 | 1528 | 15 |
| 16 | 51 48 | 39 38 | 36 58 | 350 8 | 198 | 289 | 268 | 306 | 281 | 297 | 1858 | 1488 | 16 |
| 17 | 50 78 | 39 18 | 36 68 | 485 8 | 187 | 269 | 243 | 438 | 284 | 327 | 2038 | 1488 | 17 |
| 18 | 50 08 | 39 08 | 36 68 | 580 8 | 179 | 233 | 222 | 500 | 245 | 397 | 2358 | 1418 | 18 |
| 19 | 49 48 | 38 88 | 36 78 | 616 | 169 | 209 | 201 | 498 | 226 | 482 | 2658 | 1388 | 19 |
| 20 | 48 88 | 38 58 | 36 98 | 647 | 160 | 188 | 197 | 456 | 208 | 483 | 2728 | 1358 | 20 |
| 21 | 48 28 | 38 48 | 37 38 | 683 | 157 | 170 | 208 | 413 | 188 | 448 | 2758 | 1328 | 21 |
| 22 | 47 88 | 38 38 | 37 98 | 686 | 178 | 183 | 215 | 383 | 180 | 420 | 2728 | 1288 | 22 |
| 23 | 47 48 | 38 38 | 39 58 | 683 | 215 | 160 | 212 | 345 | 163 | 393 | 2658 | 1288 | 23 |
| 24 | 46 88 | 38 28 | 42 08 | 662 | 276 | 127 | 201 | 312 | 172 | 384 | 2558 | 1248 | 24 |
| 25 | 46 38 | 38 08 | 43 88 | 582 | 365 | 118 | 384 | 284 | 183 | 334 | 2488 | 1218 | 25 |
| 26 | 45 88 | 37 88 | 44 58 | 548 | 427 | 112 | 424 | 258 | 182 | 311 | 2378 | 1188 | 26 |
| 27 | 45 58 | 37 88 | 45 38 | 514 | 442 | 111 | 423 | 240 | 141 | 306 | 2288 | 1158 | 27 |
| 28 | 45 18 | 37 88 | 46 88 | 509 | 433 | 116 | 400 | 218 | 138 | 307 | 2208 | 1148 | 28 |
| 29 | 44 78 | | 46 38 | 516 | 417 | 130 | 368 | 202 | 162 | 306 | 2128 | 1128 | 29 |
| 30 | 44 38 | | 47 08 | 511 | 398 | 130 | 334 | 186 | 278 | 305 | 2058 | 1088 | 30 |
| 31 | 44 08 | | 47 58 | | 380 | | 301 | 180 | | 293 | | 1078 | 31 |
| TOTAL | 1 616 4 | 1 121 3 | 1 214 2 | 10 202 3 | 9 265 | 7 042 | 8 947 | 9 492 | 5 865 | 11 474 | 7 171 | 4 568 | TOTAL |
| MEAN | 52 1 | 40 0 | 39 2 | 340 | 299 | 235 | 224 | 306 | 195 | 370 | 239 | 147 | MEAN |
| MAX | 63 5 | 43 7 | 47 5 | 686 | 487 | 361 | 424 | 500 | 281 | 483 | 282 | 300 | MAX |
| MIN | 44 0 | 37 5 | 36 5 | 48 0 | 157 | 111 | 104 | 180 | 138 | 293 | 183 | 107 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 208
MAXIMUM DAILY, 686 ON APR 23
MINIMUM DAILY, 36 58 ON MAR 15
MAXIMUM INSTANTANEOUS,
702 AT 16 30 EST ON APR 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 20 N
LONG 84 23 15 W
DRAINAGE AREA 26 200 km²

B ICE CONDITIONS

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 140 000 | JUL | 800 000 |
| FEB | 98 900 | AUG | 820 000 |
| MAR | 105 000 | SEP | 507 000 |
| APR | 881 000 | OCT | 991 000 |
| MAY | 800 000 | NOV | 620 000 |
| JUN | 608 000 | DEC | 395 000 |

TOTAL DISCHARGE 5 580 000 dam³

## KETTLE CREEK ABOVE ST THOMAS - STATION NO 02GC029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 16 | 0.315B | 7 00 B | 4 30 | 0 270 | 0 080 | 0 179 | 0 007 | 0 025 | 0 030E | 0 270E | 2 02 | 1 |
| 2 | 1 12 | 0.310B | 17 0 B | 6 59 | 0 257 | 0 070 | 0 137 | 0 205 | 0 021 | 0 025E | 0 230E | 1 37 | 2 |
| 3 | 0.989 | 0.325B | 6.00 B | 7 04 | 0 238 | 0 064 | 0 127 | 0 469 | 0 022 | 0 033E | 0 225E | 1 03 | 3 |
| 4 | 1 02 B | 0.315B | 2 54 B | 8 01 | 0 214 | 0 049 | 0 105 | 0 181 | 0 023 | 0 040E | 0 210E | 0 884 | 4 |
| 5 | 0.983B | 0.305B | 2.30 B | 21.7 | 0.198 | 0 043 | 0.078 | 0 062 | 0 022 | 0 037E | 0 200E | 0 778 | 5 |
| 6 | 0.980B | 0.300B | 8.15 | 12.6 | 0 183 | 0 048 | 0 073 | 0 041 | 0 020 | 0 034A | 0 180E | 0 718 | 6 |
| 7 | 1 15 E | 0.310B | 15.9 | 8 81 | 0 163 | 0 039 | 0 059 | 0 026 | 0 023 | 0 042 | 0 200E | 0 699 | 7 |
| 8 | 1 10 E | 0.335B | 14.8 | 3 36 | 0 153 | 0 035 | 0 048 | 0 026 | 0 018A | 0 038 | 0 270E | 0 715 | 8 |
| 9 | 1 05 E | 0.320B | 8.91 | 2.02 | 0 140 | 0 034 | 0 057 | 0 083 | 0 015E | 0 031 | 0 350E | 3 84 | 9 |
| 10 | 1.03 E | 0.310B | 2.90 B | 1.48 | 0 133 | 0.030 | 0.049 | 0 114 | 0.014E | 0 034 | 0.340E | 3 50 | 10 |
| 11 | 1.11 E | 0.302B | 2.00 B | 1.17 | 0.129 | 0.040 | 0 051 | 0 087 | 0.020E | 0 080 | 0.280E | 1 89 | 11 |
| 12 | 1.05 E | 0.295B | 1.40 B | 1.88 | 0.114 | 0 041 | 0 053 | 0 059 | 0.030E | 0 083 | 0.250E | 2 77 | 12 |
| 13 | 1.00 E | 0.292B | 1.00 B | 4.12 | 0.117 | 0.037 | 0.038 | 0 041 | 0.025E | 0.090E | 0.230E | 2 15 | 13 |
| 14 | 1.20 E | 0.290B | 0.833 | 2.28 | 0.128 | 0.040 | 0.056 | 0 027 | 0.019E | 0.080E | 0.210E | 1 34 | 14 |
| 15 | 9.80 E | 0.285B | 0 787 | 1.80 | 0.187 | 0.037 | 0 072 | 0 021 | 0.028E | 0 070E | 0.200E | 7 43 | 15 |
| 16 | 9.30 E | 0.282B | 0.784 | 1.45 | 0.151 | 0.032 | 0.048 | 0 021 | 0.030E | 0 070E | 0.180E | 7 39 | 16 |
| 17 | 3.20 E | 0.280B | 0 777 | 1 13 | 0.112 | 0.032 | 0.039 | 0 014 | 0.042E | 0.080E | 0.170E | 3 41 | 17 |
| 18 | 2.00 E | 0.274B | 0 780 | 0 905 | 0.115 | 0.026 | 0.030 | 0 017 | 0.055E | 0.210E | 0.180E | 2 27 | 18 |
| 19 | 1.35 B | 0.273B | 0.821 | 0.783 | 0.132 | 0.019 | 0.022 | 0 014 | 0.070E | 0.215E | 0.200E | 1 73 | 19 |
| 20 | 0.900B | 0.270B | 0.885 | 0 840 | 0.118 | 0.016 | 0.020 | 0 010 | 0.040E | 0.220E | 0.230E | 20 8 | 20 |
| 21 | 0.800B | 0.260B | 0 849 | 0 588 | 0.111 | 0.022 | 0.014 | 0 008 | 0 100E | 0 280E | 0.240E | 11 6 | 21 |
| 22 | 0.510B | 0.295B | 0 787 | 0 504 | 0.110 | 0.388 | 0 018 | 0 005 | 0.175E | 0 340E | 0.230E | 3 84 | 22 |
| 23 | 0 480B | 0.310B | 0 789 | 0 505 | 0 086 | 1 53 | 0 012 | 0 004 | 0 123E | 0 370E | 0 300E | 2 34 | 23 |
| 24 | 0 420B | 0.335B | 0 781 | 0.578 | 0 079 | 0 518 | 0 015 | 0 007 | 0 090E | 0.380E | 0 800E | 1 87 | 24 |
| 25 | 0.390B | 0.360B | 0.920 | 0.585 | 0.078 | 0.227 | 0 011 | 0 007 | 0 068E | 0 500E | 4 87 | 4 98 | 25 |
| 26 | 0.375B | 0.390B | 2.34 | 0.483 | 0 077 | 0.183 | 0.018 | 0 010 | 0.045E | 0 650E | 9 63 | 3.21 | 26 |
| 27 | 0.355B | 0.440B | 1.91 | 0 471 | 0.085 | 0.138 | 0.013 | 0 028 | 0 027E | 1 42 E | 3 03 | 1.84 | 27 |
| 28 | 0.342B | 0.540B | 1.48 | 0 515 | 0.107 | 0 615 | 0 007 | 0 038 | 0 018E | 1 41 E | 1 87 | 1 29 | 28 |
| 29 | 0.335B | | 1.23 | 0 453 | 0 241 | 0 558 | 0 008 | 0 033 | 0 019E | 0 850E | 2 85 | 0 9908 | 29 |
| 30 | 0.330B | | 5.73 | 0.370 | 0 104 | 0.303 | 0.005 | 0 029 | 0 018E | 0.380E | 3 57 | 0 7408 | 30 |
| 31 | 0.320B | | 5.75 | | 0 079 | | 0 004 | 0 028 | | 0.320E | | 0.6238 | 31 |
| TOTAL | 45 885 | 8.985 | 119 243 | 94 831 | 4 403 | 5 272 | 1 485 | 1 872 | 1 240 | 8.202 | 31 295 | 99 527 | TOTAL |
| MEAN | 1.48 | 0 321 | 3 85 | 3 16 | 0.142 | 0.176 | 0.047 | 0 054 | 0 041 | 0 265 | 1 04 | 3 21 | MEAN |
| MAX | 9.80 | 0 580 | 17 0 | 21 7 | 0.270 | 1 53 | 0.179 | 0 469 | 0.175 | 1 42 | 9 63 | 20 8 | MAX |
| MIN | 0.320 | 0.270 | 0 777 | 0.370 | 0 065 | 0.016 | 0 004 | 0 004 | 0 014 | 0 028 | 0.170 | 0.623 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1 16
MAXIMUM DAILY 21.7 ON APR 5
MINIMUM DAILY 0.004 ON JUL 31
MAXIMUM INSTANTANEOUS
43.4 AT 14 59 EST ON DEC 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 50 05 N
LONG 81 09 05 W
DRAINAGE AREA 135 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 970 | JUL | 127 |
| FEB | 778 | AUG | 144 |
| MAR | 10 300 | SEP | 107 |
| APR | 8 190 | OCT | 709 |
| MAY | 380 | NOV | 2 700 |
| JUN | 456 | DEC | 8 600 |

TOTAL DISCHARGE, 36 500 dam³

## KETTLE CREEK AT ST THOMAS - STATION NO 02EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 82 | 0.984 | 15 0 B | 9 18 | 0 686 | 0 252 | 0.407 | 0 112 | 0 153 | 0 147 | 0 398 | 4 65 | 1 |
| 2 | 3 78 | 0.999 | 36 0 B | 20 8 | 0 385 | 0 226 | 0 330 | 0 621 | 0 168 | 0 143 | 0 345 | 3 19 | 2 |
| 3 | 2 53 | 1.08 | 17 2 | 18 6 | 0 377 | 0 212 | 0 285 | 0 392 | 0 151 | 0 155 | 1 54 | 2 42 | 3 |
| 4 | 1 86 | 1 06 | 8 99 | 13 2 | 0 339 | 0 206 | 0 276 | 0 261 | 0 134 | 0 163 | 1 25 | 2 19 | 4 |
| 5 | 1 91 | 0 997 | 5 19 | 34 2 | 0 284 | 0 188 | 0 249 | 0 189 | 0 134 | 0 153 | 0 422 | 1 97 | 5 |
| 6 | 1 78 | 0.896 | 8 83 | 25 0 | 0 293 | 0 169 | 0 200 | 0 147 | 0 128 | 0 143 | 0 290 | 1 78 | 6 |
| 7 | 2 00 | 0 942 | 26 1 | 13 8 | 0 291 | 0 158 | 0 196 | 0 141 | 0 139 | 0 161 | 0 265 | 1 77 | 7 |
| 8 | 2 80 | 1 11 | 35 2 | 7 29 | 0 282 | 0 170 | 0 188 | 0 155 | 0 132 | 0 172 | 0 372 | 1 77 | 8 |
| 9 | 3 44 | 0.953 | 21 8 | 4 58 | 0 275 | 0 161 | 0 188 | 1 08 | 0 118 | 0 178 | 0 617 | 5 45 | 9 |
| 10 | 2 29 | 0.894 | 6 008 | 3 36 | 0 261 | 0 160 | 0.213 | 0 812 | 0 114 | 0 183 | 0 498 | 9 20 | 10 |
| 11 | 2 56 | 0 6808 | 3 808 | 2 65 | 0 267 | 0.134 | 0 198 | 0 339 | 0 232 | 0 234 | 0 374 | 4 89 | 11 |
| 12 | 2 36 | 0 6308 | 2 808 | 4 38 | 0 260 | 0.305 | 0 197 | 0 255 | 0 292 | 0 211 | 0 348 | 5 14 | 12 |
| 13 | 2 18 | 0 6108 | 2 46 | 8 83 | 0 241 | 0 133 | 0 189 | 0 203 | 0 146 | 0 204 | 0 331 | 4 89 | 13 |
| 14 | 2 49 | 0 7408 | 2 13 | 5 38 | 0 388 | 0 185 | 0 331 | 0 184 | 0 132 | 0 201 | 0 316 | 3 11 | 14 |
| 15 | 20 0 | 0.7608 | 1 85 | 4 34 | 0 800 | 0 158 | 0.224 | 0 172 | 0 181 | 0 189 | 0 293 | 12 2 | 15 |
| 16 | 18 6 | 0.7408 | 1 76 | 3 80 | 0 447 | 0 187 | 0 187 | 0 151 | 0 183 | 0 188 | 0 281 | 20 8 | 16 |
| 17 | 6 37 | 0 7208 | 1 83 | 2 78 | 0 374 | 0 154 | 0 177 | 0 152 | 0 283 | 0 176 | 0 356 | 8 40 | 17 |
| 18 | 3 84 | 0 7008 | 1 84 | 2 24 | 0 364 | 0 148 | 0 168 | 0 149 | 0 335 | 0 214 | 0 287 | 5 27 | 18 |
| 19 | 2 808 | 0 6808 | 1 89 | 1 83 | 0 379 | 0 151 | 0 162 | 0 138 | 0 413 | 0 298 | 0 281 | 4 24 | 19 |
| 20 | 2 158 | 0 6608 | 1 79 | 1 58 | 0 391 | 0 139 | 0 152 | 0 116 | 0 318 | 0 303 | 0 292 | 35 4 | 20 |
| 21 | 1 858 | 0 6808 | 1 73 | 1 32 | 0 315 | 0 125 | 0 118 | 0 103 | 0 482 | 0 375 | 0 330 | 31 6 | 21 |
| 22 | 1 808 | 0.7208 | 1 70 | 1 17 | 0 311 | 0 300 | 0 102 | 0 148 | 0 805 | 0 460 | 0 295 | 9 32 | 22 |
| 23 | 1 408 | 0 8108 | 1 62 | 1 20 | 0 302 | 1 23 | 0 088 | 0 138 | 0 841 | 0 503 | 0 435 | 5 40 | 23 |
| 24 | 1 308 | 0 9108 | 1 60 | 1 25 | 0 282 | 1 07 | 0 097 | 0 148 | 0 332 | 0 484 | 0 784 | 4 33 | 24 |
| 25 | 1 248 | 1 02 B | 1 73 | 1 16 | 0.273 | 0 523 | 0 101 | 0 140 | 0.213 | 0 638 | 7 01 | 10 2 | 25 |
| 26 | 1 228 | 1 15 B | 3 20 | 0 971 | 0 258 | 0 516 | 0.118 | 0 187 | 0 158 | 0 780 | 23 3 | 7 81 | 26 |
| 27 | 1 188 | 1 40 B | 3 41 | 0 898 | 0 268 | 0 423 | 0 128 | 0 284 | 0 128 | 1 55 | 8 10 | 4 81 | 27 |
| 28 | 1 158 | 1 80 B | 2 83 | 1 09 | 0 221 | 0 449 | 0 132 | 0 221 | 0 113 | 1 62 | 3 85 | 3 11 | 28 |
| 29 | 1 108 | | 2 17 | 1 07 | 0 233 | 0 717 | 0 118 | 0 188 | 0 119 | 1 03 | 4 77 | 2 30 | 29 |
| 30 | 1 078 | | 7 67 | 0 874 | 0 278 | 0 598 | 0 118 | 0 158 | 0 116 | 0 840 | 7 24 | 1 838 | 30 |
| 31 | 1 028 | | 12 5 | | 0 281 | | 0 120 | 0 153 | | 0 494 | | 1 508 | 31 |
| TOTAL | 100 63 | 25 985 | 238 24 | 198 703 | 10 125 | 9 497 | 5 749 | 7 277 | 6 951 | 12 388 | 84 991 | 221 09 | TOTAL |
| MEAN | 3 25 | 0 928 | 7 69 | 6 62 | 0 327 | 0 317 | 0 185 | 0 235 | 0 232 | 0 399 | 2 17 | 7 13 | MEAN |
| MAX | 20 0 | 1 80 | 36 0 | 34 2 | 0 686 | 1 23 | 0 407 | 1 08 | 0 805 | 1 62 | 23 3 | 35 4 | MAX |
| MIN | 1 02 | 0 880 | 1 60 | 0 874 | 0 221 | 0 125 | 0 097 | 0 103 | 0 113 | 0 143 | 0 256 | 1 50 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2 47
MAXIMUM DAILY 36 08 ON MAR 2
MINIMUM DAILY 0 097 ON JUL 24
MAXIMUM INSTANTANEOUS
65 2 AT 21 09 EST ON DEC 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 42 46 40 N
LONG 81 12 52 W
DRAINAGE AREA 329 km²
B ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 8 890 | JUL | 497 |
| FEB | 2 250 | AUG | 629 |
| MAR | 20 600 | SEP | 801 |
| APR | 17 200 | OCT | 1 070 |
| MAY | 875 | NOV | 5 820 |
| JUN | 821 | DEC | 19 100 |

TOTAL DISCHARGE, 78 000 dam³

## KWATABOAHEGAN RIVER NEAR THE MOUTH - STATION NO. 04KA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.538 | 1.10 B | 0.600B | 2.088 | 104 | 38.6 | 8.00E | 20.5 | 23.9 | 12.7 | 26.9 | 20.7 B | 1 |
| 2 | 2.498 | 1.05 B | 0.590B | 1.868 | 95.9 | 35.9 | 8.03E | 18.7 | 26.8 | 13.8 | 25.7 | 19.7 B | 2 |
| 3 | 2.448 | 1.07 B | 0.580B | 1.758 | 88.7 | 33.6 | 8.00E | 21.2 | 28.2 | 15.4 | 26.1 | 18.9 B | 3 |
| 4 | 2.398 | 1.01 B | 0.580B | 1.638 | 78.4 | 31.7 | 7.50E | 27.7 | 28.5 | 17.0 | 26.5 | 18.1 B | 4 |
| 5 | 2.348 | 0.980B | 0.540B | 1.578 | 70.9 | 31.0 | 6.80E | 36.8 | 26.5 | 20.1 | 26.28 | 17.3 B | 5 |
| 6 | 2.308 | 0.950B | 0.530B | 1.808 | 67.2 | 29.3 | 6.10E | 38.2 | 25.1 | 22.4 | 25.98 | 16.3 B | 6 |
| 7 | 2.268 | 0.920B | 0.520B | 2.108 | 62.3 | 27.0 | 5.70E | 34.7 | 26.9 | 23.5 | 25.18 | 15.6 B | 7 |
| 8 | 2.228 | 0.870B | 0.510B | 2.308 | 57.2 | 25.5 | 5.40E | 28.9 | 30.8 | 25.1 | 24.38 | 15.1 B | 8 |
| 9 | 2.188 | 0.850B | 0.500B | 4.008 | 53.4 | 23.8 | 5.20E | 25.7 | 34.8 | 27.4 | 23.48 | 14.7 B | 9 |
| 10 | 2.128 | 0.830B | 0.500B | 6.008 | 50.2 | 21.3 | 5.05E | 23.6 | 35.9 | 28.5 | 22.88 | 14.1 B | 10 |
| 11 | 2.088 | 0.810B | 0.500B | 9.208 | 47.3 | 19.3 | 5.00E | 22.9 | 34.1 | 27.6 | 22.28 | 13.8 B | 11 |
| 12 | 2.058 | 0.800B | 0.500B | 13.0 B | 45.0 | 17.5 | 5.80E | 21.2 | 32.2 | 26.1 | 21.58 | 13.7 B | 12 |
| 13 | 3.028 | 0.800B | 0.500B | 16.0 B | 41.7 | 15.7 | 6.80E | 21.3 | 30.0 | 25.2 | 21.08 | 13.4 B | 13 |
| 14 | 3.008 | 0.780B | 0.500B | 20.0 B | 38.7 | 15.0 | 7.80E | 22.7 | 28.6 | 24.3 | 20.38 | 13.4 B | 14 |
| 15 | 1.908 | 0.780B | 0.480B | 31.0 B | 35.8 | 14.5 | 9.00E | 22.8 | 30.5 | 22.6 | 19.78 | 13.3 B | 15 |
| 16 | 1.848 | 0.740B | 0.480B | 38.0 B | 32.6 | 14.1 | 8.80E | 25.0 | 31.8 | 21.3 | 20.08 | 13.0 B | 16 |
| 17 | 1.808 | 0.720B | 0.470B | 44.0 B | 29.6 | 13.3 | 8.20E | 32.1 | 31.0 | 22.0 | 21.88 | 12.8 B | 17 |
| 18 | 1.788 | 0.720B | 0.460B | 53.0 B | 28.5 | 13.5 | 7.70E | 42.7 | 28.7 | 25.3 | 24.08 | 12.3 B | 18 |
| 19 | 1.688 | 0.710B | 0.480B | 65.0 B | 24.3 | 12.7 | 8.30E | 52.7 | 26.3 | 31.6 | 27.08 | 11.8 B | 19 |
| 20 | 1.618 | 0.700B | 0.480B | 79.4 | 22.8 | 13.2 | 8.70E | 53.7 | 24.6 | 37.3 | 30.08 | 11.5 B | 20 |
| 21 | 1.588 | 0.680B | 0.500B | 89.5 | 23.9 | 11.6 A | 9.00E | 50.5 | 22.6 | 38.0 | 33.08 | 11.0 B | 21 |
| 22 | 1.528 | 0.680B | 0.560B | 99.7 | 26.6 | 10.6 E | 9.27A | 46.7 | 20.7 | 37.6 | 33.08 | 10.5 B | 22 |
| 23 | 1.468 | 0.680B | 0.760B | 102 | 33.3 | 10.1 E | 10.3 | 43.6 | 19.5 | 36.7 | 32.78 | 10.1 B | 23 |
| 24 | 1.428 | 0.640B | 1.23 B | 97.6 | 34.6 | 9.30E | 15.2 | 39.5 | 17.7 | 33.4 | 32.08 | 9.708 | 24 |
| 25 | 1.388 | 0.630B | 2.00 B | 91.8 | 33.9 | 8.50E | 22.7 | 36.0 | 16.5 | 30.3 | 31.08 | 9.308 | 25 |
| 26 | 1.388 | 0.620B | 2.12 B | 84.5 | 32.2 | 8.20E | 30.3 | 33.0 | 15.5 | 28.0 | 29.08 | 8.908 | 26 |
| 27 | 1.308 | 0.610B | 2.22 B | 75.7 | 30.5 | 8.00E | 29.0 | 29.1 | 14.8 | 26.7 | 27.08 | 8.508 | 27 |
| 28 | 1.258 | 0.600B | 2.28 B | 63.9 | 32.9 | 9.40E | 28.3 | 26.5 | 14.2 | 27.8 | 26.28 | 8.108 | 28 |
| 29 | 1.208 | | 2.35 B | 51.1 | 41.0 | 8.00E | 28.1 | 24.0 | 13.6 | 27.8 | 23.78 | 7.808 | 29 |
| 30 | 1.168 | | 2.32 B | 105 | 41.9 | 8.50E | 26.3 | 21.5 | 13.3 | 27.4 | 22.28 | 7.808 | 30 |
| 31 | 1.148 | | 2.23 B | | 40.3 | | 23.7 | 21.6 | | 27.6 | | 7.658 | 31 |
| TOTAL | 56.78 | 22.350 | 28.840 | 1 319.48 | 1 442.6 | 538.90 | 373.25 | 985.2 | 763.7 | 809.5 | 769.0 | 396.95 | TOTAL |
| MEAN | 1.83 | 0.798 | 0.930 | 44.0 | 46.5 | 18.0 | 12.0 | 31.7 | 25.1 | 26.1 | 25.6 | 12.9 | MEAN |
| MAX | 3.53 | 1.10 | 2.35 | 105 | 104 | 38.6 | 30.3 | 53.7 | 35.9 | 38.0 | 33.0 | 20.7 | MAX |
| MIN | 1.14 | 0.600 | 0.480 | 1.57 | 22.8 | 8.20 | 5.00 | 18.7 | 13.3 | 12.7 | 18.7 | 7.50 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.5
MAXIMUM DAILY, 105 ON APR 30
MINIMUM DAILY, 0.480B ON MAR 18
MAXIMUM INSTANTANEOUS,
106 AT 23.55 EST ON APR 30

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 00 N
LONG 80 52 00 W
DRAINAGE AREA, 4 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 510 | JUL | 32 200 |
| FEB | 1 930 | AUG | 83 400 |
| MAR | 2 480 | SEP | 65 100 |
| APR | 114 000 | OCT | 69 900 |
| MAY | 125 000 | NOV | 65 400 |
| JUN | 46 500 | DEC | 34 500 |

TOTAL DISCHARGE, 545 000 dam³

## LA VASE RIVER AT NORTH BAY - STATION NO. 02DD013

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.322B | 0.138B | 0.150B | 5.47 | 1.05 | 0.356 | 0.169 | 0.046 | 0.080 | 0.051 | 0.849 | 0.785 | 1 |
| 2 | 0.315B | 0.132B | 0.140B | 4.53 | 0.671 | 0.330 | 0.135 | 0.046 | 0.085 | 0.050 | 0.800 | 0.729 | 2 |
| 3 | 0.305B | 0.131B | 0.158B | 3.18 | 0.490 | 0.285 | 0.138 | 0.053 | 0.082 | 0.062 | 0.802 | 0.583 | 3 |
| 4 | 0.300B | 0.132B | 0.163B | 2.26 | 0.378 | 0.256 | 0.147 | 0.082 | 0.073 | 0.063 | 0.684 | 0.486 | 4 |
| 5 | 0.290B | 0.133B | 0.145B | 2.50 | 0.355 | 0.252 | 0.118 | 0.060 | 0.068 | 0.091 | 1.27 | 0.393 | 5 |
| 6 | 0.283B | 0.160B | 0.170B | 4.91 | 0.292 | 0.237 | 0.107 | 0.050 | 0.085 | 0.095 | 1.29 | 0.350 | 6 |
| 7 | 0.278B | 0.200B | 0.190B | 5.19 | 0.225 | 0.192 | 0.130 | 0.056 | 0.057 | 0.095 | 0.924 | 0.296 | 7 |
| 8 | 0.270B | 0.228B | 0.220B | 4.35 | 0.194 | 0.241 | 0.121 | 0.052 | 0.071 | 0.103 | 0.784 | 0.283 | 8 |
| 9 | 0.265B | 0.230B | 0.250B | 3.33 | 0.236 | 1.35 | 0.101 | 0.053 | 0.257 | 0.114 | 0.685 | 0.353 | 9 |
| 10 | 0.260B | 0.228B | 0.295B | 2.54 | 0.216 | 1.45 | 0.088 | 0.041 | 0.130 | 0.187 | 0.605 | 0.859 | 10 |
| 11 | 0.252B | 0.223B | 0.340B | 1.88 | 0.216 | 0.778 | 0.158 | 0.038 | 0.081 | 0.284 | 0.681 | 1.00 | 11 |
| 12 | 0.249B | 0.220B | 0.320B | 1.56 | 0.211 | 1.09 | 0.147 | 0.027 | 0.064 | 0.134 | 0.612 | 0.805 | 12 |
| 13 | 0.242B | 0.213B | 0.300B | 1.24 | 0.251 | 1.41 | 0.114 | 0.029 | 0.043 | 0.108 | 0.384 | 0.776 | 13 |
| 14 | 0.236B | 0.210B | 0.290B | 0.937 | 0.325 | 0.806 | 0.104 | 0.031 | 0.044 | 0.100 | 0.374 | 0.771 | 14 |
| 15 | 0.226B | 0.205B | 0.278B | 0.831 | 0.348 | 0.492 | 0.105 | 0.072 | 0.040 | 0.098 | 0.368 | 0.882 | 15 |
| 16 | 0.218B | 0.201B | 0.270B | 0.713 | 0.389 | 0.307 | 0.109 | 0.315 | 0.033 | 0.089 | 0.355 | 0.840 | 16 |
| 17 | 0.211B | 0.196B | 0.265B | 0.624 | 0.307 | 0.305 | 0.091 | 0.332 | 0.037 | 0.088 | 0.333 | 0.563 | 17 |
| 18 | 0.205B | 0.190B | 0.240B | 0.539 | 0.583 | 0.181 | 0.079 | 0.202 | 0.043 | 0.097 | 0.339 | 0.528 | 18 |
| 19 | 0.200B | 0.182B | 0.268B | 0.502 | 0.606 | 0.161 | 0.075 | 0.147 | 0.050 | 0.088 | 0.387 | 0.498 | 19 |
| 20 | 0.190B | 0.178B | 0.285B | 0.441 | 0.506 | 0.605 | 0.085 | 0.140 | 0.074 | 0.088 | 0.454 | 0.492 | 20 |
| 21 | 0.183B | 0.170B | 0.370B | 0.383 | 0.334 | 0.413 | 0.079 | 0.109 | 0.112 | 0.104 | 0.441 | 0.485 | 21 |
| 22 | 0.178B | 0.162B | 0.686 | 0.329 | 0.348 | 0.264 | 0.070 | 0.276 | 0.084 | 0.132 | 0.351 | 0.481 | 22 |
| 23 | 0.172B | 0.155B | 1.42 | 0.288 | 0.646 | 0.188 | 0.061 | 0.256 | 0.087 | 0.127 | 0.320 | 0.462 | 23 |
| 24 | 0.168B | 0.145B | 2.87 | 0.473 | 0.581 | 0.155 | 0.059 | 0.175 | 0.053 | 0.159 | 0.339 | 0.420 | 24 |
| 25 | 0.161B | 0.142B | 4.35 | 0.498 | 0.498 | 0.134 | 0.073 | 0.119 | 0.048 | 0.483 | 0.373 | 0.419 | 25 |
| 26 | 0.156B | 0.138B | 5.81 | 0.381 | 0.425 | 0.102 | 0.065 | 0.088 | 0.048 | 0.585 | 0.388 | 0.407 | 26 |
| 27 | 0.151B | 0.135B | 8.46 | 0.317 | 0.907 | 0.106 | 0.058 | 0.075 | 0.049 | 0.690 | 0.339 | 0.375 | 27 |
| 28 | 0.148B | 0.138B | 7.50 | 0.643 | 1.01 | 0.122 | 0.047 | 0.089 | 0.050 | 1.08 | 0.310 | 0.336 | 28 |
| 29 | 0.145B | | 6.59 | 1.05 | 0.716 | 0.137 | 0.059 | 0.057 | 0.055 | 0.758 | 0.312 | 0.295 | 29 |
| 30 | 0.140B | | 10.4 | 1.37 | 0.475 | 0.173 | 0.052 | 0.054 | 0.063 | 0.641 | 0.453 | 0.270 | 30 |
| 31 | 0.138B | | 10.1 | | 0.341 | | 0.057 | 0.053 | | 0.985 | | 0.260 | 31 |
| TOTAL | 6.859 | 4.914 | 63.323 | 54.377 | 14.089 | 12.751 | 3.000 | 3.188 | 2.070 | 7.929 | 15.755 | 15.952 | TOTAL |
| MEAN | 0.221 | 0.176 | 2.04 | 1.81 | 0.454 | 0.425 | 0.097 | 0.103 | 0.069 | 0.256 | 0.525 | 0.515 | MEAN |
| MAX | 0.322 | 0.230 | 10.4 | 5.47 | 1.05 | 1.45 | 0.169 | 0.332 | 0.257 | 1.08 | 1.29 | 1.00 | MAX |
| MIN | 0.138 | 0.131 | 0.145 | 0.317 | 0.184 | 0.102 | 0.047 | 0.027 | 0.033 | 0.051 | 0.310 | 0.260 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.559
MAXIMUM DAILY, 10.4 ON MAR 30
MINIMUM DAILY, 0.027 ON AUG 12
MAXIMUM INSTANTANEOUS
13.3 AT 22.21 EST ON MAR 30

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 44 N
LONG 79 23 43 W
DRAINAGE AREA 70.4 km²
B ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 592 | JUL | 259 |
| FEB | 426 | AUG | 276 |
| MAR | 5 470 | SEP | 179 |
| APR | 4 760 | OCT | 685 |
| MAY | 1 220 | NOV | 1 380 |
| JUN | 1 100 | DEC | 1 380 |

TOTAL DISCHARGE, 17 600 dam³

## LAC LA CROIX AT CAMPBELL'S CAMP - STATION NO 05PA011

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 380.681 | 380.590 | 380.522 | 380.512 | 380.587 | 380.693 | 380.849 | 380.770 | 381.781 | 381.235 | 380.838 | 380.636 | 1 |
| 2 | 380.679 | 380.589 | 380.522 | 380.516 | 380.586 | 380.711 | 380.841 | 380.831 | 381.755 | 381.219 | 380.829 | 380.632 | 2 |
| 3 | 380.678 | 380.590 | 380.521 | 380.518 | 380.582 | 380.713 | 380.836 | 380.897 | 381.727 | 381.204 | 380.820 | 380.632 | 3 |
| 4 | 380.676 | 380.588 | 380.520 | 380.520 | 380.574 | 380.744 | 380.826 | 380.875 | 381.700 | 381.184 | 380.798 | 380.632 | 4 |
| 5 | 380.674 | 380.586 | 380.518 | 380.523 | 380.569 | 380.774 | 380.812 | 381.057 | 381.683 | 381.181 | 380.790 | 380.625 | 5 |
| 6 | 380.670 | 380.583 | 380.515 | 380.528 | 380.556 | 380.806 | 380.797 | 381.136 | 381.673 | 381.147 | 380.787 | 380.618 | 6 |
| 7 | 380.665 | 380.580 | 380.514 | 380.530 | 380.555 | 380.830 | 380.785 | 381.217 | 381.651 | 381.135 | 380.781 | 380.615 | 7 |
| 8 | 380.661 | 380.574 | 380.509 | 380.535 | 380.549 | 380.855 | 380.773 | 381.301 | 381.638 | 381.124 | 380.789 | 380.613 | 8 |
| 9 | 380.657 | 380.572 | 380.509 | 380.539 | 380.547 | 380.878 | 380.782 | 381.375 | 381.613 | 381.095 | 380.780 | 380.604 | 9 |
| 10 | 380.652 | 380.569 | 380.508 | 380.542 | 380.581 | 380.909 | 380.745 | 381.444 | 381.595 | 381.082 | 380.754 | 380.605 | 10 |
| 11 | 380.649 | 380.567 | 380.504 | 380.548 | 380.532 | 380.934 | 380.745 | 381.498 | 381.582 | 381.088 | 380.744 | 380.602 | 11 |
| 12 | 380.645 | 380.564 | 380.501 | 380.554 | 380.533 | 380.948 | 380.728 | 381.562 | 381.584 | 381.057 | 380.739 | 380.599 | 12 |
| 13 | 380.643A | 380.561 | 380.502 | 380.559 | 380.524 | 380.971 | 380.714 | 381.615 | 381.542 | 381.043 | 380.729 | 380.595 | 13 |
| 14 | 380.640 | 380.559 | 380.496 | 380.565 | 380.515 | 380.972 | 380.705 | 381.663 | 381.527 | 381.025 | 380.728 | 380.593 | 14 |
| 15 | 380.637 | 380.556 | 380.493 | 380.570 | 380.516 | 380.979 | 380.703 | 381.699 | 381.510 | 381.019 | 380.722 | 380.590 | 15 |
| 16 | 380.627 | 380.554 | 380.490 | 380.572 | 380.520 | 380.983 | 380.692 | 381.744 | 381.494 | 381.002 | 380.717 | 380.587 | 16 |
| 17 | 380.624 | 380.551 | 380.484 | 380.577 | 380.530 | 380.979 | 380.682 | 381.774 | 381.473 | 380.987 | 380.712 | 380.585 | 17 |
| 18 | 380.620 | 380.548 | 380.480 | 380.586 | 380.540 | 380.973 | 380.692 | 381.812 | 381.455 | 380.967 | 380.706 | 380.582 | 18 |
| 19 | 380.615 | 380.545 | 380.477 | 380.593 | 380.531 | 380.973 | 380.683 | 381.840 | 381.442 | 380.954 | 380.689 | 380.580 | 19 |
| 20 | 380.614 | 380.542 | 380.478 | 380.584 | 380.532 | 380.973 | 380.678 | 381.863 | 381.434 | 380.950 | 380.688 | 380.577 | 20 |
| 21 | 380.611 | 380.540 | 380.475 | 380.582 | 380.582 | 380.965 | 380.671 | 381.880 | 381.421 | 380.938 | 380.692 | 380.575 | 21 |
| 22 | 380.609A | 380.539 | 380.474 | 380.585 | 380.594 | 380.956 | 380.666 | 381.882 | 381.406 | 380.929 | 380.685 | 380.570 | 22 |
| 23 | 380.607E | 380.538 | 380.477 | 380.584 | 380.605 | 380.943 | 380.690 | 381.885 | 381.384 | 380.920 | 380.675 | 380.568 | 23 |
| 24 | 380.603E | 380.538 | 380.488 | 380.585 | 380.615 | 380.931 | 380.697 | 381.883 | 381.370 | 380.911 | 380.671 | 380.567 | 24 |
| 25 | 380.600E | 380.538 | 380.490 | 380.600 | 380.626 | 380.912 | 380.693 | 381.881 | 381.351 | 380.900 | 380.666 | 380.562 | 25 |
| 26 | 380.598E | 380.533 | 380.491 | 380.591 | 380.634 | 380.898 | 380.693 | 381.877 | 381.339 | 380.883 | 380.660 | 380.560 | 26 |
| 27 | 380.594E | 380.529 | 380.495 | 380.585 | 380.644 | 380.894 | 380.692 | 381.870 | 381.320 | 380.876 | 380.657 | 380.557 | 27 |
| 28 | 380.590A | 380.524 | 380.488 | 380.588 | 380.651 | 380.883 | 380.691 | 381.856 | 381.302 | 380.872 | 380.654 | 380.553 | 28 |
| 29 | 380.589 | | 380.501 | 380.586 | 380.658 | 380.888 | 380.690 | 381.838 | 381.278 | 380.863 | 380.647 | 380.551 | 29 |
| 30 | 380.592 | | 380.504 | 380.586 | 380.688 | 380.858 | 380.695 | 381.818 | 381.260 | 380.850 | 380.642 | 380.549 | 30 |
| 31 | 380.591 | | 380.509 | | 380.676 | | 380.715 | 381.798 | | 380.845 | | 380.545 | 31 |
| MEAN | 380.632 | 380.559 | 380.499 | 380.563 | 380.576 | 380.890 | 380.730 | 381.668 | 381.508 | 381.015 | 380.725 | 380.588 | MEAN |
| MAX | 380.681 | 380.590 | 380.522 | 380.600 | 380.676 | 380.883 | 380.849 | 381.885 | 381.781 | 381.235 | 380.838 | 380.636 | MAX |
| MIN | 380.589 | 380.524 | 380.474 | 380.512 | 380.515 | 380.693 | 380.666 | 380.770 | 381.260 | 380.845 | 380.642 | 380.545 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 380.622
MAXIMUM DAILY 381.885 ON AUG 23
MINIMUM DAILY 380.474 ON MAR 22
MAXIMUM INSTANTANEOUS
381.893 AT 12 32 CST ON AUG 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 21 20 N
LONG 92 12 50 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA
13 400 km²

WATER LEVELS ARE REFERRED TO UNITED STATES AND CANADA BOUNDARY SURVEY DATUM

## LAC SEUL AT GOLDPINES - STATION NO 05QB003

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 355.846 | 355.380 | 354.905 | 354.595 | 354.782 | 355.085 | 355.285 | 355.395 | 355.497 | 355.251 | 355.244 | 355.022 | 1 |
| 2 | 355.843 | 355.380 | 354.881 | 354.588 | 354.787 | 355.028 | 355.267 | 355.384 | 355.539 | 355.377 | 355.219 | 355.014 | 2 |
| 3 | 355.826 | 355.343 | 354.871 | 354.605 | 354.804 | 354.988 | 355.279 | 355.352 | 355.561 | 355.398 | 355.198 | 355.010 | 3 |
| 4 | 355.823 | 355.332 | 354.881 | 354.602 | 354.806 | 355.020 | 355.284 | 355.389 | 355.527 | 355.404 | 355.120 | 355.014 | 4 |
| 5 | 355.803 | 355.316 | 354.844 | 354.603 | 354.792 | 355.064 | 355.302 | 355.427 | 355.520 | 355.308 | 355.108 | 355.012 | 5 |
| 6 | 355.778 | 355.294 | 354.827 | 354.600 | 354.770 | 355.091 | 355.299 | 355.381 | 355.536 | 355.320 | 355.138 | 355.004 | 6 |
| 7 | 355.772 | 355.274 | 354.797 | 354.606 | 354.784 | 355.089 | 355.271 | 355.401 | 355.528 | 355.380 | 355.162 | 355.003 | 7 |
| 8 | 355.767 | 355.259 | 354.788 | 354.612 | 354.802 | 355.079 | 355.264 | 355.409 | 355.538 | 355.401 | 355.103 | 354.998 | 8 |
| 9 | 355.730 | 355.244 | 354.785 | 354.625 | 354.787 | 355.087 | 355.310 | 355.393 | 355.520 | 355.303 | 355.119 | 354.981 | 9 |
| 10 | 355.723 | 355.227 | 354.780 | 354.629 | 354.857 | 355.130 | 355.292 | 355.451 | 355.521 | 355.295 | 355.185 | 354.980 | 10 |
| 11 | 355.709 | 355.210 | 354.761 | 354.631 | 354.792 | 355.163 | 355.288 | 355.450 | 355.510 | 355.338 | 355.132 | 354.973 | 11 |
| 12 | 355.696 | 355.183 | 354.726 | 354.647 | 354.882 | 355.136 | 355.272 | 355.421 | 355.512 | 355.344 | 355.129 | 354.980 | 12 |
| 13 | 355.684 | 355.172 | 354.717 | 354.653 | 354.852 | 355.183 | 355.305 | 355.449 | 355.504 | 355.328 | 355.088 | 354.958 | 13 |
| 14 | 355.650 | 355.155 | 354.707 | 354.683 | 354.832 | 355.136 | 355.313 | 355.471 | 355.504 | 355.270 | 355.145 | 354.954 | 14 |
| 15 | 355.637 | 355.142 | 354.700 | 354.681 | 354.884 | 355.189 | 355.332 | 355.487 | 355.505 | 355.232 | 355.146 | 354.944 | 15 |
| 16 | 355.633 | 355.124 | 354.692 | 354.687 | 354.871 | 355.216 | 355.369 | 355.451 | 355.511 | 355.321 | 355.093 | 354.937 | 16 |
| 17 | 355.615 | 355.105 | 354.680 | 354.682 | 354.878 | 355.230 | 355.317 | 355.445 | 355.511 | 355.326 | 355.077 | 354.937 | 17 |
| 18 | 355.581 | 355.085 | 354.670 | 354.706 | 354.918 | 355.201 | 355.275 | 355.470 | 355.514 | 355.222 | 355.098 | 354.932 | 18 |
| 19 | 355.576 | 355.070 | 354.657 | 354.726 | 354.913 | 355.231 | 355.266 | 355.469 | 355.481 | 355.284 | 355.020 | 354.932 | 19 |
| 20 | 355.562 | 355.055 | 354.645 | 354.882 | 354.901 | 355.248 | 355.332 | 355.484 | 355.474 | 355.268 | 355.094 | 354.921 | 20 |
| 21 | 355.549 | 355.034 | 354.639 | 354.720 | 354.901 | 355.250 | 355.328 | 355.454 | 355.469 | 355.285 | 355.126 | 354.912 | 21 |
| 22 | 355.522 | 355.011 | 354.636 | 354.737 | 354.943 | 355.255 | 355.343 | 355.424 | 355.452 | 355.266 | 355.100 | 354.908 | 22 |
| 23 | 355.510 | 354.987 | 354.631 | 354.718 | 354.948 | 355.251 | 355.328 | 355.461 | 355.428 | 355.268 | 355.074 | 354.895 | 23 |
| 24 | 355.492 | 354.967 | 354.628 | 354.744 | 354.957 | 355.253 | 355.334 | 355.461 | 355.421 | 355.268 | 355.066 | 354.887 | 24 |
| 25 | 355.483 | 354.979 | 354.617 | 354.784 | 354.988 | 355.216 | 355.328 | 355.507 | 355.416 | 355.273 | 355.064 | 354.882 | 25 |
| 26 | 355.474 | 354.986 | 354.617 | 354.763 | 354.989 | 355.187 | 355.352 | 355.505 | 355.443 | 355.230 | 355.072 | 354.881 | 26 |
| 27 | 355.453 | 354.932 | 354.606 | 354.705 | 354.988 | 355.206 | 355.371 | 355.498 | 355.437 | 355.207 | 355.061 | 354.868 | 27 |
| 28 | 355.444 | 354.922 | 354.589 | 354.743 | 355.015 | 355.229 | 355.374 | 355.506 | 355.424 | 355.241 | 355.052 | 354.861 | 28 |
| 29 | 355.433 | | 354.608 | 354.714 | 355.006 | 355.222 | 355.365 | 355.516 | 355.389 | 355.244 | 355.037 | 354.862 | 29 |
| 30 | 355.410 | | 354.607 | 354.772 | 355.007 | 355.258 | 355.406 | 355.410 | 355.416 | 355.208 | 355.028 | 354.851 | 30 |
| 31 | 355.405 | | 354.609 | | 355.033 | | 355.447 | 355.451 | | 355.239 | | 354.829 | 31 |
| MEAN | 355.637 | 355.149 | 354.710 | 354.673 | 354.886 | 355.183 | 355.327 | 355.444 | 355.487 | 355.300 | 355.109 | 354.938 | MEAN |
| MAX | 355.846 | 355.380 | 354.905 | 354.772 | 355.033 | 355.255 | 355.447 | 355.516 | 355.561 | 355.404 | 355.244 | 355.022 | MAX |
| MIN | 355.405 | 354.922 | 354.589 | 354.595 | 354.770 | 354.988 | 355.254 | 355.352 | 355.389 | 355.207 | 355.020 | 354.829 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 355.152
MAXIMUM DAILY 355.846 ON JAN 1
MINIMUM DAILY 354.589 ON MAR 28
MAXIMUM INSTANTANEOUS
355.852 AT 06 10 CST ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 20 N
LONG 93 10 30 W

REGULATED SINCE 1929

WATER LEVELS ARE REFERRED TO LAC SEUL DATUM
APPLY .201 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1928 ADJ.)

## LAC SEUL AT HUDSON - STATION NO 05QB002

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | 354 810 | 355 052 | 355 275 | 355 387 | 355 545 | 355 434 | 355 225E | --- | 1 |
| 2 | --- | --- | --- | --- | 354 805 | 355 084E | 355 327 | 355 397 | 355 515 | 355 434 | 355 224E | --- | 2 |
| 3 | --- | --- | --- | --- | 354 806 | 355 128 | 355 305 | 355 437 | 355 500 | 355 419 | 355 222E | --- | 3 |
| 4 | --- | --- | --- | --- | 354 816 | 355 106 | 355 297 | 355 421 | 355 513E | 355 414 | 355 238E | --- | 4 |
| 5 | --- | --- | --- | --- | 354 819 | 355 102 | 355 295 | 355 387 | 355 525 | 355 424 | 355 224E | --- | 5 |
| 6 | --- | --- | --- | --- | 354 836 | 355 112 | 355 287 | 355 437 | 355 535 | 355 414 | 355 204E | --- | 6 |
| 7 | --- | --- | --- | --- | 354 858 | 355 136 | 355 283 | 355 437 | 355 545 | 355 384 | 355 181E | --- | 7 |
| 8 | --- | --- | --- | --- | 354 856 | 355 134 | 355 287 | 355 422 | 355 545 | 355 379 | 355 184E | --- | 8 |
| 9 | --- | --- | --- | --- | 354 864 | 355 128 | 355 297 | 355 427 | 355 545 | 355 374 | 355 157E | --- | 9 |
| 10 | --- | --- | --- | --- | 354 840 | 355 124 | 355 313 | 355 444E | 355 545 | 355 373 | 355 164E | --- | 10 |
| 11 | --- | --- | --- | --- | 354 868 | 355 174 | 355 332 | 355 461E | 355 545 | 355 369 | 355 154 | --- | 11 |
| 12 | --- | --- | --- | --- | 354 838 | 355 216 | 355 332E | 355 478 | 355 535 | 355 354 | 355 156 | --- | 12 |
| 13 | --- | --- | --- | --- | 354 856 | 355 202 | 355 331 | 355 487 | 355 525 | 355 353 | 355 149 | --- | 13 |
| 14 | --- | --- | --- | --- | 354 836 | 355 246 | 355 337 | 355 487 | 355 517 | 355 345 | 355 124 | --- | 14 |
| 15 | --- | --- | --- | 354 679 | 354 856 | 355 231 | 355 342 | 355 487 | 355 515 | 355 340 | 355 104 | --- | 15 |
| 16 | --- | --- | --- | 354 681 | 354 886 | 355 226 | 355 333 | 355 487 | 355 504 | 355 322 | --- | --- | 16 |
| 17 | --- | --- | 354 691 | 354 694E | 354 898 | 355 211 | 355 371 | 355 482E | 355 500 | 355 313 | --- | --- | 17 |
| 18 | --- | --- | --- | 354 708 | 354 906 | 355 280 | 355 333 | 355 487 | 355 504 | 355 304 | --- | --- | 18 |
| 19 | --- | --- | --- | 354 710 | 354 896 | 355 248 | 355 367 | 355 514 | 355 496 | 355 304 | --- | --- | 19 |
| 20 | --- | --- | --- | 354 720E | 354 936 | 355 260 | 355 363 | 355 526 | 355 484 | 355 294 | --- | --- | 20 |
| 21 | 355 572 | --- | --- | 354 729 | 354 947E | 355 288 | 355 367 | 355 526 | 355 474 | 355 290 | --- | --- | 21 |
| 22 | --- | --- | --- | 354 737 | 354 958 | 355 276 | 355 377 | 355 526 | 355 486 | 355 282 | --- | --- | 22 |
| 23 | --- | --- | --- | 354 743 | 354 960 | 355 286 | 355 387 | 355 526 | 355 477 | 355 274 | --- | --- | 23 |
| 24 | --- | --- | --- | 354 765 | 354 972E | 355 302 | 355 387 | 355 531 | 355 464 | 355 268 | --- | --- | 24 |
| 25 | --- | --- | --- | 354 786 | 354 984E | 355 317 | 355 401 | 355 516 | 355 454 | 355 266E | --- | --- | 25 |
| 26 | --- | --- | --- | 354 784 | 354 998 | 355 337 | 355 395 | 355 511 | 355 445 | 355 268E | --- | --- | 26 |
| 27 | --- | --- | --- | 354 804 | 355 000 | 355 317 | 355 381 | 355 506 | 355 444 | 355 264E | --- | --- | 27 |
| 28 | --- | --- | --- | 354 834 | 355 004 | 355 307 | 355 377 | 355 506 | 355 444 | 355 252E | --- | --- | 28 |
| 29 | --- | | --- | 354 825 | 355 024 | 355 297 | 355 381 | 355 496 | 355 434 | 355 250E | --- | --- | 29 |
| 30 | --- | | --- | 354 815 | 355 030 | 355 287 | 355 385 | 355 526 | 355 439 | 355 248E | --- | --- | 30 |
| 31 | --- | | --- | | 355 038 | | 355 387 | 355 526 | | 355 234E | | --- | 31 |
| MEAN | --- | --- | --- | --- | 354 803 | 355 212 | 355 342 | 355 478 | 355 499 | 355 330 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | 355 038 | 355 337 | 355 401 | 355 531 | 355 545 | 355 434 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | 354 805 | 355 052 | 355 275 | 355 387 | 355 434 | 355 234 | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 05 30 N
LONG 92 10 00 W

E - ESTIMATED

REGULATED SINCE 1929

WATER LEVELS ARE REFERRED TO LAC SEUL DATUM
APPLY .201 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

## LAC SEUL AT LAC SEUL - STATION NO 05QB001

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 355 832 | 355 379 | 354 885 | 354 589 | 354 780 | 355 011E | 355 235 | 355 359 | 355 500 | 355 405 | 355 187 | 354 997 | 1 |
| 2 | 355 816 | 355 362 | 354 872 | 354 582 | 354 782 | 355 042E | 355 280 | 355 370 | 355 488 | 355 376 | 355 186 | 354 986 | 2 |
| 3 | 355 810 | 355 344 | 354 851 | 354 556 | 354 788 | 355 063E | 355 283 | 355 382 | 355 487 | 355 368 | 355 185 | 354 980 | 3 |
| 4 | 355 787 | 355 326 | 354 839 | 354 561 | 354 775 | 355 063E | 355 284 | 355 371 | 355 500 | 355 362 | 355 198 | 354 973 | 4 |
| 5 | 355 781 | 355 312 | 354 820 | 354 561 | 354 765 | 355 060E | 355 284 | 355 370 | 355 501 | 355 372 | 355 185 | 354 966 | 5 |
| 6 | 355 777 | 355 300 | 354 807 | 354 564 | 354 789 | 355 069E | 355 267 | 355 387 | 355 500 | 355 382 | 355 168 | 354 959 | 6 |
| 7 | 355 755 | 355 280 | 354 793 | 354 567 | 354 784 | 355 093E | 355 276 | 355 385 | 355 505 | 355 333 | 355 146 | 354 954 | 7 |
| 8 | 355 741 | 355 254 | 354 773 | 354 571 | 354 798 | 355 074A | 355 278 | 355 388 | 355 502 | 355 312 | 355 149 | 354 949 | 8 |
| 9 | 355 729 | 355 238 | 354 748 | 354 578 | 354 803 | 355 083A | 355 262 | 355 396 | 355 500 | 355 342 | 355 126 | 354 945 | 9 |
| 10 | 355 709 | 355 222 | 354 734 | 354 588 | 354 788 | 355 081 | 355 288 | 355 380 | 355 495 | 355 331 | 355 113 | 354 931 | 10 |
| 11 | 355 699 | 355 204 | 354 725 | 354 594 | 354 810 | 355 118 | 355 265 | 355 395 | 355 485 | 355 312 | 355 122 | 354 937 | 11 |
| 12 | 355 683 | 355 185 | 354 709 | 354 601 | 354 802 | 355 167E | 355 283 | 355 429 | 355 493 | 355 304 | 355 113 | 354 937 | 12 |
| 13 | 355 667 | 355 164 | 354 694 | 354 608 | 354 820E | 355 151E | 355 279 | 355 422 | 355 490 | 355 304 | 355 109 | 354 928 | 13 |
| 14 | 355 653 | 355 147 | 354 685 | 354 614 | 354 804E | 355 203E | 355 263 | 355 421 | 355 485 | 355 305 | 355 082 | 354 920 | 14 |
| 15 | 355 630 | 355 127 | 354 671 | 354 627 | 354 820E | 355 165E | 355 269 | 355 431 | 355 481 | 355 281 | 355 079 | 354 913 | 15 |
| 16 | 355 612 | 355 111 | 354 661 | 354 635 | 354 849E | 355 179E | 355 297 | 355 448 | 355 470 | 355 278 | 355 085 | 354 903 | 16 |
| 17 | 355 599 | 355 095 | 354 650 | 354 647 | 354 859E | 355 162E | 355 322 | 355 461 | 355 482 | 355 266 | 355 088 | 354 889 | 17 |
| 18 | 355 588 | 355 078 | 354 637 | 354 659 | 354 868E | 355 219E | 355 292 | 355 461 | 355 452 | 355 291 | 355 090 | 354 890 | 18 |
| 19 | 355 585 | 355 064 | 354 625 | 354 666 | 354 859E | 355 205A | 355 306 | 355 486 | 355 453 | 355 267 | 355 110 | 354 882 | 19 |
| 20 | 355 555 | 355 045 | 354 618 | 354 682 | 354 898E | 355 205 | 355 320 | 355 472 | 355 448 | 355 257 | 355 081 | 354 878 | 20 |
| 21 | 355 540 | 355 028 | 354 610 | 354 679 | 354 908E | 355 214 | 355 321 | 355 483 | 355 442 | 355 244 | 355 083 | 354 871 | 21 |
| 22 | 355 526 | 355 014 | 354 600 | 354 685 | 354 919E | 355 225 | 355 330 | 355 485 | 355 438 | 355 239 | 355 087 | 354 863 | 22 |
| 23 | 355 505A | 354 984 | 354 600 | 354 701 | 354 921E | 355 240 | 355 334 | 355 474 | 355 433 | 355 228 | 355 082 | 354 861 | 23 |
| 24 | 355 490A | 354 973 | 354 603 | 354 697 | 354 933E | 355 241 | 355 330 | 355 475 | 355 419 | 355 225 | 355 062 | 354 848 | 24 |
| 25 | 355 478 | 354 955 | 354 588 | 354 702 | 354 944E | 355 252 | 355 334 | 355 467 | 355 411 | 355 216 | 355 037 | 354 842 | 25 |
| 26 | 355 462 | 354 935 | 354 592 | 354 725 | 354 956E | 355 287 | 355 337 | 355 472 | 355 399 | 355 227 | 355 032 | 354 838 | 26 |
| 27 | 355 454 | 354 925 | 354 590 | 354 761 | 354 980E | 355 251 | 355 339 | 355 477 | 355 394 | 355 223 | 355 027 | 354 833 | 27 |
| 28 | 355 434 | 354 900 | 354 581 | 354 758 | 354 984E | 355 245 | 355 346 | 355 480 | 355 394 | 355 212 | 355 020 | 354 826 | 28 |
| 29 | 355 421 | | 354 571 | 354 765 | 354 983E | 355 242 | 355 354 | 355 483 | 355 413 | 355 210 | 355 016 | 354 816 | 29 |
| 30 | 355 413 | | 354 568 | 354 788 | 354 989E | 355 240 | 355 346 | 355 523 | 355 389 | 355 207 | 355 008 | 354 814 | 30 |
| 31 | 355 390 | | 354 567 | | 354 987E | | 355 336 | 355 508 | | 355 195 | | 354 807 | 31 |
| MEAN | 355 617 | 355 142 | 354 686 | 354 642 | 354 861 | 355 182 | 355 299 | 355 436 | 355 481 | 355 285 | 355 100 | 354 901 | MEAN |
| MAX | 355 832 | 355 379 | 354 885 | 354 765 | 354 997 | 355 257 | 355 354 | 355 523 | 355 505 | 355 405 | 355 198 | 354 997 | MAX |
| MIN | 355 390 | 354 900 | 354 567 | 354 558 | 354 780 | 355 011 | 355 235 | 355 359 | 355 389 | 355 195 | 355 008 | 354 807 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 355 133
MAXIMUM DAILY 355 832 ON JAN 1
MINIMUM DAILY 354 558 ON APR 3
MAXIMUM INSTANTANEOUS
355 844 AT 01 30 CST ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION LAT 50 19 07 N
LONG 92 16 20 W

A MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1929

WATER LEVELS ARE REFERRED TO LAC SEUL DATUM
APPLY .201 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

## LADY EVELYN RIVER AT LADY EVELYN LAKE - STATION NO 02JD011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24.4 | 43.6 | 35.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | 24.0 | 42.6 | 34.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.9 | 2 |
| 3 | 23.6 | 40.8 | 33.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.1 | 3 |
| 4 | 23.6 | 50.6 | 26.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.0 | 4 |
| 5 | 26.1 | 57.1 | 15.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.9 | 5 |
| 6 | 30.2 | 64.9 | 11.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.9 | 6 |
| 7 | 30.0 | 62.1 | 9.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.8 | 7 |
| 8 | 29.5 | 59.8E | 7.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.7 | 8 |
| 9 | 28.8 | 57.5E | 7.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.7 | 9 |
| 10 | 28.5 | 55.2 | 7.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.6 | 10 |
| 11 | 28.3 | 52.8 | 7.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.5 | 11 |
| 12 | 37.3 | 51.0 | 7.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.5 | 12 |
| 13 | 50.4 | 48.5 | 7.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.4 | 13 |
| 14 | 49.1 | 46.8 | 7.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.4 | 14 |
| 15 | 47.0 | 44.5 | 7.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.3 | 15 |
| 16 | 46.0 | 42.7 | 7.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.2 | 16 |
| 17 | 44.8 | 50.9 | 7.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.2 | 17 |
| 18 | 43.8 | 80.0 | 7.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.1 | 18 |
| 19 | 42.4 | 58.4 | 7.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 19 |
| 20 | 41.2 | 53.3 | 7.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 20 |
| 21 | 51.0 | 49.8 | 7.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.0 | 21 |
| 22 | 85.5 | 47.4 | 7.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.9 | 22 |
| 23 | 82.7 | 44.1 | 7.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.9 | 23 |
| 24 | 81.3 | 42.4 | 4.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.8 | 24 |
| 25 | 68.5 | 39.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.7 | 25 |
| 26 | 55.4 | 38.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.6 | 26 |
| 27 | 53.4 | 41.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.6 | 27 |
| 28 | 50.6 | 38.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.5 | 28 |
| 29 | 48.8 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.4 | 29 |
| 30 | 47.0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.4 | 30 |
| 31 | 45.7 | | 0 | | 0 | | 0 | 0 | | 0 | | 24.3 | 31 |
| TOTAL | 1 298.6 | 1 393.7 | 289.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 741.3 | TOTAL |
| MEAN | 41.9 | 49.8 | 9.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23.9 | MEAN |
| MAX | 85.5 | 87.1 | 35.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.1 | MAX |
| MIN | 23.6 | 38.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 10.2
MAXIMUM DAILY 87.1 ON FEB 5
MINIMUM DAILY 0 ON MAR 25

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 27 38 N
LONG 78 59 43 W
DRAINAGE AREA 1 370 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 112 000 | JUL | 0 |
| FEB | 120 000 | AUG | 0 |
| MAR | 25 000 | SEP | 0 |
| APR | 0 | OCT | 0 |
| MAY | 0 | NOV | 0 |
| JUN | 0 | DEC | 84 000 |

TOTAL DISCHARGE 321 000 dam³

## LAKE 114 INFLOW NEAR KENORA - STATION NO 05PD032

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0E | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 1 |
| 2 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 2 |
| 3 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 3 |
| 4 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0A | --- | 4 |
| 5 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | --- | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | --- | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | --- | 0 | 0 | 0.002 | 0 | 0.002 | 0 | 0 | --- | --- | 11 |
| 12 | --- | --- | --- | 0 | 0 | 0 | 0 | 0.001 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | --- | 0 | 0 | 0 | 0 | 0.001 | 0 | 0 | --- | --- | 15 |
| 16 | --- | 0A | --- | 0 | 0 | 0 | 0 | 0.002 | 0 | 0 | --- | 0A | 16 |
| 17 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 17 |
| 18 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 18 |
| 19 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 19 |
| 20 | 0A | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 20 |
| 21 | --- | --- | --- | 0 | 0.003 | 0 | 0 | 0 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | --- | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0.004A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0A | --- | 24 |
| 25 | --- | --- | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0.002 | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0.001 | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0 | | 0 | | 0 | 0 | | 0 | | 0E | 31 |
| TOTAL | --- | --- | --- | 0.002 | 0.005 | 0.002 | 0 | 0.005 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | --- | 0.001 | 0.003 | 0.002 | 0 | 0.002 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0
MAXIMUM DAILY 0.003 ON MAY 21
MINIMUM DAILY 0 ON APR 1
MAXIMUM INSTANTANEOUS
0.005 ON MAY 31

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 30 N
LONG 93 45 05 W
DRAINAGE AREA 0.05 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0 |
| FEB | --- | AUG | 0.53 |
| MAR | --- | SEP | 0 |
| APR | 0.17 | OCT | 0 |
| MAY | 0.53 | NOV | --- |
| JUN | 0.17 | DEC | --- |

TOTAL DISCHARGE 1.38 dam³

## LAKE 114 NEAR KENORA - STATION NO. 05PD027

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 25.548 | 25.458 | 25.495 | 25.428 | 25.384 | 25.425 | 25.379 | 25.384 | --- | 1 |
| 2 | --- | --- | --- | 25.548 | 25.454 | 25.494 | 25.432 | 25.391 | 25.422 | 25.376 | 25.383A | --- | 2 |
| 3 | --- | --- | --- | 25.548 | 25.449 | 25.487 | 25.430 | 25.387 | 25.420 | 25.374 | --- | --- | 3 |
| 4 | --- | --- | --- | 25.542 | 25.446 | 25.485 | 25.427 | 25.381 | 25.418 | 25.373 | --- | --- | 4 |
| 5 | --- | --- | --- | 25.531 | 25.443 | 25.482 | 25.424 | 25.378 | 25.416 | 25.379 | --- | --- | 5 |
| 6 | --- | --- | --- | 25.531 | 25.439 | 25.481 | 25.421 | 25.378 | 25.415 | 25.379 | --- | --- | 6 |
| 7 | --- | --- | --- | 25.536 | 25.436 | 25.479 | 25.420 | 25.378 | 25.413 | 25.378 | --- | --- | 7 |
| 8 | --- | --- | --- | 25.541 | 25.432 | 25.472 | 25.415 | 25.375 | 25.412 | 25.377 | --- | --- | 8 |
| 9 | --- | --- | --- | 25.543 | 25.428 | 25.468 | 25.411 | 25.373 | 25.409 | 25.384 | --- | --- | 9 |
| 10 | --- | --- | --- | 25.543 | 25.424 | 25.466 | 25.406 | 25.370 | 25.407 | 25.383 | --- | --- | 10 |
| 11 | --- | --- | --- | 25.541 | 25.420 | 25.500 | 25.403 | 25.385 | 25.406 | 25.382 | --- | --- | 11 |
| 12 | --- | --- | --- | 25.537 | 25.416 | 25.504 | 25.409 | 25.424 | 25.406 | 25.381 | --- | --- | 12 |
| 13 | --- | --- | --- | 25.534 | 25.421 | 25.503 | 25.410 | 25.426 | 25.407 | 25.380 | --- | --- | 13 |
| 14 | --- | --- | --- | 25.528 | 25.427 | 25.497 | 25.405 | 25.425 | 25.406 | 25.379 | --- | --- | 14 |
| 15 | --- | --- | --- | 25.524 | 25.424 | 25.490 | 25.405 | 25.426 | 25.406 | 25.377 | --- | --- | 15 |
| 16 | --- | --- | --- | 25.522 | 25.425 | 25.485 | 25.406 | 25.449 | 25.402 | 25.377 | --- | --- | 16 |
| 17 | --- | --- | --- | 25.519 | 25.423 | 25.481 | 25.405 | 25.453 | 25.399 | 25.377 | --- | --- | 17 |
| 18 | --- | --- | --- | 25.514 | 25.420 | 25.476 | 25.401 | 25.454 | 25.397 | 25.376 | --- | --- | 18 |
| 19 | --- | --- | --- | 25.512 | 25.415 | 25.472 | 25.405 | 25.453 | 25.397 | 25.375 | --- | --- | 19 |
| 20 | --- | --- | --- | 25.508 | 25.415 | 25.467 | 25.407 | 25.452 | 25.394 | 25.375 | --- | --- | 20 |
| 21 | --- | --- | --- | 25.502 | 25.451 | 25.484 | 25.405 | 25.448 | 25.393 | 25.375 | --- | --- | 21 |
| 22 | --- | --- | --- | 25.488 | 25.477 | 25.484 | 25.409 | 25.443 | 25.391 | 25.374 | --- | --- | 22 |
| 23 | --- | --- | --- | 25.484 | 25.481 | 25.480 | 25.410 | 25.439 | 25.389 | 25.375 | --- | --- | 23 |
| 24 | --- | --- | --- | 25.490 | 25.482 | 25.453 | 25.407 | 25.437 | 25.386 | 25.376 | --- | --- | 24 |
| 25 | --- | --- | --- | 25.486 | 25.483 | 25.447 | 25.404 | 25.434 | 25.383 | 25.376 | --- | --- | 25 |
| 26 | --- | --- | --- | 25.484 | 25.485 | 25.445 | 25.403 | 25.433 | 25.380 | 25.378 | --- | --- | 26 |
| 27 | --- | --- | --- | 25.478 | 25.502 | 25.442 | 25.387 | 25.432 | 25.378 | 25.383 | --- | --- | 27 |
| 28 | --- | --- | --- | 25.470 | 25.504 | 25.438 | 25.393 | 25.429 | 25.379 | 25.383 | --- | --- | 28 |
| 29 | --- | | --- | 25.485 | 25.503 | 25.433 | 25.388 | 25.426 | 25.382 | 25.383 | --- | --- | 29 |
| 30 | --- | | --- | 25.480 | 25.500 | 25.429 | 25.384 | 25.432 | 25.380 | 25.383 | --- | --- | 30 |
| 31 | --- | | 25.548A | | 25.495 | | 25.390 | 25.429 | | 25.383 | | --- | 31 |
| MEAN | --- | --- | --- | 25.515 | 25.461 | 25.472 | 25.408 | 25.417 | 25.401 | 25.378 | --- | --- | MEAN |
| MAX | --- | --- | --- | 25.548 | 25.504 | 25.504 | 25.432 | 25.454 | 25.425 | 25.384 | --- | --- | MAX |
| MIN | --- | --- | --- | 25.480 | 25.415 | 25.429 | 25.384 | 25.370 | 25.378 | 25.373 | --- | --- | MIN |

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 10 N
LONG 93 45 30 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

## LAKE 114 OUTLET NEAR KENORA - STATION NO. 05PD014

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0E | --- | 0 E | 0.010 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 1 |
| 2 | --- | --- | 0 E | 0.008 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 2 |
| 3 | --- | --- | 0 E | 0.007 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 3 |
| 4 | --- | --- | 0 E | 0.006 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0 A | 0.006 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | 0 E | 0.006 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | 0 E | 0.007 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | 0 E | 0.008 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | 0 E | 0.009 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | 0 E | 0.010 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | 0 E | 0.009 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 11 |
| 12 | --- | --- | 0 E | 0.008 | 0 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | 0 E | 0.008 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | 0 E | 0.006 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | 0 E | 0.004 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 15 |
| 16 | --- | 0A | 0 E | 0.005 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0A | 16 |
| 17 | --- | --- | 0 E | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 17 |
| 18 | --- | --- | 0 E | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 18 |
| 19 | --- | --- | 0 E | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 19 |
| 20 | 0A | --- | 0 E | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0A | --- | 20 |
| 21 | --- | --- | 0 E | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0 0.005E | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0 0.017E | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0 0.035A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 24 |
| 25 | --- | --- | 0 0.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0 0.05 | 0 | 0.002 | 0 | 0 | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0 0.03 | 0 | 0.003 | 0 | 0 | 0 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0 0.19 | 0.005 | 0.003 | 0 | 0 | 0 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0 0.19 | 0.001 | 0.002 | 0 | 0 | 0 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0 0.14 | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0 0.12 | | 0 | | 0 | 0 | | 0 | | 0E | 31 |
| TOTAL | --- | --- | 0.188 | 0.124 | 0.011 | 0.012 | 0 | 0 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | 0.006 | 0.004 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0.05 | 0.010 | 0.003 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MIN |

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.001
MAXIMUM DAILY 0.010 ON APR 1
MINIMUM DAILY 0 ON APR 15
MAXIMUM INSTANTANEOUS
0.029 ON APR 28

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 10 N
LONG 93 45 45 W
DRAINAGE AREA 0.58 km²
A - MANUAL GAUGE

E ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0 |
| FEB | --- | AUG | 0 |
| MAR | 16.2 | SEP | 0 |
| APR | 10.7 | OCT | 0 |
| MAY | 0.95 | NOV | --- |
| JUN | 1.04 | DEC | --- |

TOTAL DISCHARGE 12.7 dam³

## LAKE 223 NEAR KENORA - STATION NO. 05OD021

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 29.252 | 29.228 | 29.249 | 29.201 | 29.203 | 29.185 | 29.127 | 29.083 | --- | 1 |
| 2 | --- | --- | --- | 29.251 | 29.225 | 29.250 | 29.204 | 29.202 | 29.180 | 29.120 | 29.083A | --- | 2 |
| 3 | --- | --- | --- | 29.247 | 29.221 | 29.244 | 29.202 | 29.199 | 29.176 | 29.114 | --- | --- | 3 |
| 4 | --- | --- | --- | 29.245 | 29.219 | 29.240 | 29.199 | 29.192 | 29.172 | 29.111 | --- | --- | 4 |
| 5 | --- | --- | --- | 29.245 | 29.216 | 29.235 | 29.196 | 29.188 | 29.171 | 29.112 | --- | --- | 5 |
| 6 | --- | --- | --- | 29.248 | 29.214 | 29.235 | 29.195 | 29.193 | 29.170 | 29.109 | --- | --- | 6 |
| 7 | --- | --- | --- | 29.252 | 29.213 | 29.234 | 29.194 | 29.193 | 29.167 | 29.104 | --- | --- | 7 |
| 8 | --- | --- | --- | 29.259 | 29.211 | 29.230 | 29.190 | 29.190 | 29.165 | 29.103 | --- | --- | 8 |
| 9 | --- | --- | --- | 29.288 | 29.210 | 29.225 | 29.187 | 29.187 | 29.163 | 29.110 | --- | --- | 9 |
| 10 | --- | --- | --- | 29.275 | 29.207 | 29.223 | 29.182 | 29.183 | 29.161 | 29.107 | --- | --- | 10 |
| 11 | --- | --- | --- | 29.279 | 29.205 | 29.252 | 29.183 | 29.189 | 29.160 | 29.104 | --- | --- | 11 |
| 12 | --- | --- | --- | 29.278 | 29.201 | 29.251 | 29.180 | 29.229 | 29.161 | 29.102 | --- | --- | 12 |
| 13 | --- | --- | --- | 29.277 | 29.208 | 29.247 | 29.189 | 29.224 | 29.160 | 29.095 | --- | --- | 13 |
| 14 | --- | --- | --- | 29.274 | 29.217 | 29.242 | 29.185 | 29.220 | 29.157 | 29.098 | --- | --- | 14 |
| 15 | --- | --- | --- | 29.271 | 29.216 | 29.238 | 29.185 | 29.221 | 29.156 | 29.095 | --- | --- | 15 |
| 16 | --- | --- | --- | 29.268 | 29.216 | 29.233 | 29.183 | 29.239 | 29.154 | 29.094 | --- | --- | 16 |
| 17 | --- | --- | --- | 29.268 | 29.216 | 29.230 | 29.182 | 29.235 | 29.151 | 29.092 | --- | --- | 17 |
| 18 | --- | --- | --- | 29.264 | 29.212 | 29.227 | 29.181 | 29.229 | 29.149 | 29.091 | --- | --- | 18 |
| 19 | --- | --- | --- | 29.261 | 29.209 | 29.223 | 29.187 | 29.225 | 29.149 | 29.089 | --- | --- | 19 |
| 20 | --- | --- | --- | 29.258 | 29.208 | 29.220 | 29.188 | 29.221 | 29.147 | 29.090 | --- | --- | 20 |
| 21 | --- | --- | --- | 29.254 | 29.242 | 29.217 | 29.186 | 29.218 | 29.148 | 29.089 | --- | --- | 21 |
| 22 | --- | --- | --- | 29.251 | 29.252 | 29.217 | 29.192 | 29.216 | 29.144 | 29.087 | --- | --- | 22 |
| 23 | --- | --- | --- | 29.247 | 29.248 | 29.214 | 29.195 | 29.206 | 29.141 | 29.087 | --- | --- | 23 |
| 24 | --- | --- | 29.233A | 29.244 | 29.248 | 29.209 | 29.193 | 29.202 | 29.137 | 29.086 | --- | --- | 24 |
| 25 | --- | --- | 29.244 | 29.242 | 29.248 | 29.208 | 29.185 | 29.200 | 29.134 | 29.086 | --- | --- | 25 |
| 26 | --- | --- | 29.248 | 29.241 | 29.258 | 29.211 | 29.200 | 29.200 | 29.132 | 29.088 | --- | --- | 26 |
| 27 | --- | --- | 29.256 | 29.240 | 29.259 | 29.211 | 29.199 | 29.198 | 29.130 | 29.088 | --- | --- | 27 |
| 28 | --- | --- | 29.258 | 29.235 | 29.258 | 29.207 | 29.196 | 29.194 | 29.130 | 29.087 | --- | --- | 28 |
| 29 | --- | | 29.257 | 29.231 | 29.254 | 29.204 | 29.193 | 29.193 | 29.132 | 29.088 | --- | --- | 29 |
| 30 | --- | | 29.256 | 29.228 | 29.251 | 29.201 | 29.189 | 29.188 | 29.128 | 29.085 | --- | --- | 30 |
| 31 | --- | | 29.253 | | 29.248 | | 29.189 | 29.189 | | 29.084 | | --- | 31 |
| MEAN | --- | --- | --- | 29.255 | 29.227 | 29.227 | 29.192 | 29.206 | 29.154 | 29.098 | --- | --- | MEAN |
| MAX | --- | --- | --- | 29.279 | 29.259 | 29.252 | 29.204 | 29.239 | 29.185 | 29.127 | --- | --- | MAX |
| MIN | --- | --- | --- | 29.228 | 29.201 | 29.201 | 29.181 | 29.183 | 29.128 | 29.084 | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.279 ON APR 11

MAXIMUM INSTANTANEOUS,
29.282 AT 01 30 CST ON APR 12

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 55 N
LONG 93 42 40 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

A - MANUAL GAUGE

NATURAL FLOW

## LAKE 223 OUTLET NEAR KENORA - STATION NO. 05OD017

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.040E | --- | 0.003E | 0.020 | 0.009 | 0.023 | 0.002 | 0.001E | 0 | 0 | 0 | --- | 1 |
| 2 | --- | --- | 0.003E | 0.019 | 0.008 | 0.025 | 0.002 | 0.001E | 0 | 0 | 0A | --- | 2 |
| 3 | --- | --- | 0.003E | 0.018 | 0.007 | 0.021 | 0.002 | 0.001E | 0 | 0 | --- | --- | 3 |
| 4 | --- | --- | 0.003E | 0.016 | 0.006 | 0.018 | 0.001 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0.003A | 0.016 | 0.006 | 0.015 | 0.001 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | 0.003E | 0.016 | 0.005 | 0.015 | 0.001 | 0.001 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | 0.003E | 0.016 | 0.005 | 0.014 | 0.001 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | 0.003E | 0.022 | 0.004 | 0.012 | 0 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | 0.003E | 0.029 | 0.003 | 0.010 | 0 | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | 0.003E | 0.035 | 0.002 | 0.010 | 0 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | 0.003E | 0.037 | 0.002 | 0.028 | 0 | 0.005 | 0 | 0 | --- | --- | 11 |
| 12 | --- | --- | 0.003E | 0.038 | 0.002 | 0.025 | 0.001 | 0.011 | 0E | 0 | --- | --- | 12 |
| 13 | --- | --- | 0.003E | 0.037 | 0.003 | 0.021 | 0 | 0.008 | 0E | 0 | --- | --- | 13 |
| 14 | --- | --- | 0.003E | 0.034 | 0.004 | 0.018 | 0 | 0.008 | 0E | 0 | --- | --- | 14 |
| 15 | --- | --- | 0.003E | 0.033 | 0.004 | 0.015 | 0 | 0.007 | 0E | 0 | --- | --- | 15 |
| 16 | --- | --- | 0.003E | 0.031 | 0.004 | 0.012 | 0 | 0.015 | 0 | 0 | --- | --- | 16 |
| 17 | --- | 0.002A | 0.003E | 0.030 | 0.004 | 0.011 | 0 | 0.013A | 0 | 0 | --- | 0A | 17 |
| 18 | --- | --- | 0.003E | 0.028 | 0.003 | 0.009 | 0 | 0.011E | 0 | 0 | --- | --- | 18 |
| 19 | --- | --- | 0.003E | 0.026 | 0.002 | 0.008 | 0.001 | 0.010E | 0 | 0 | --- | --- | 19 |
| 20 | --- | --- | 0.003E | 0.024 | 0.002 | 0.007 | 0 | 0.009E | 0 | 0 | --- | --- | 20 |
| 21 | 0.003A | --- | 0.006E | 0.022 | 0.017 | 0.006 | 0 | 0.006E | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0.007E | 0.020 | 0.024 | 0.006 | 0 | 0.006E | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0.009E | 0.018 | 0.022 | 0.005 | 0 | 0.005E | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0.011A | 0.017 | 0.020 | 0.004 | 0 | 0.004E | 0 | 0 | --- | --- | 24 |
| 25 | --- | --- | 0.014 | 0.018 | 0.019 | 0.003 | 0.001 | 0.003A | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0.018 | 0.018 | 0.024 | 0.004 | 0.001 | 0.002 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0.021 | 0.015 | 0.031 | 0.004 | 0 A | 0.001 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0.023 | 0.013 | 0.030 | 0.003 | 0 E | 0.001 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0.022 | 0.011 | 0.027 | 0.002 | 0 E | 0.001 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0.022 | 0.009 | 0.024 | 0.002 | 0 E | 0.002 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0.021 | | 0.021 | | 0 E | 0.001 | | 0 | | 0E | 31 |
| TOTAL | --- | --- | 0.233 | 0.684 | 0.348 | 0.354 | 0.014 | 0.134 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | 0.008 | 0.023 | 0.011 | 0.012 | 0 | 0.004 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0.023 | 0.038 | 0.031 | 0.028 | 0.002 | 0.016 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | 0.003 | 0.009 | 0.002 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | MIN |

### SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.038 ON APR 12
MINIMUM DAILY, 0 ON JUL 8
MAXIMUM INSTANTANEOUS,
0.038 ON APR 12

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 55 N
LONG 93 42 50 W
DRAINAGE AREA 2 50 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 1 31 |
| FEB | --- | AUG | 11 6 |
| MAR | 20 1 | SEP | 0 |
| APR | 59 1 | OCT | 0 |
| MAY | 30 1 | NOV | --- |
| JUN | 30 6 | DEC | --- |

TOTAL DISCHARGE, 133 dam³

## LAKE 224 OUTLET NEAR KENORA - STATION NO 05QD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | OE | --- | 0 E | 0.001 | 0.002 | 0.006 | 0.001 | 0.001 | 0 | 0 | 0 | -- | 1 |
| 2 | --- | --- | 0 E | 0.001 | 0.002 | 0.006 | 0.002 | 0.001 | 0 | 0 | 0A | --- | 2 |
| 3 | --- | --- | 0 E | 0.001 | 0.002 | 0.005 | 0.001 | 0 | 0 | 0 | --- | --- | 3 |
| 4 | --- | --- | 0 E | 0.002 | 0.002 | 0.005 | 0.001 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0 A | 0.002 | 0.002 | 0.004 | 0.001 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | 0 E | 0.002 | 0.002 | 0.004 | 0.001 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | 0 E | 0.002 | 0.001 | 0.004 | 0.001 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | 0 E | 0.002 | 0.001 | 0.004 | 0.001 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | 0 E | 0.002 | 0.001 | 0.004 | 0.001 | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | 0 E | 0.003 | 0.001 | 0.004 | 0.001 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | 0 E | 0.003 | 0.001 | 0.007 | 0.001 | 0.002 | 0 | 0 | --- | --- | 11 |
| 12 | --- | --- | 0 E | 0.003 | 0.001 | 0.006 | 0.001 | 0.002 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | 0 E | 0.003 | 0.002 | 0.005 | 0.001 | 0.001 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | 0 E | 0.003 | 0.001 | 0.005 | 0.001 | 0.001 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | 0 E | 0.004 | 0.001 | 0.005 | 0.001 | 0.002 | 0 | 0 | --- | --- | 15 |
| 16 | --- | --- | 0 E | 0.004 | 0.001 | 0.005 | 0.001 | 0.003 | 0 | 0 | --- | --- | 16 |
| 17 | --- | 0A | 0 E | 0.004 | 0.001 | 0.005 | 0.001 | 0.002 | 0 | 0 | --- | 0A | 17 |
| 18 | --- | --- | 0 E | 0.004 | 0.001 | 0.004 | 0 | 0.002 | 0 | 0 | --- | --- | 18 |
| 19 | --- | --- | 0 E | 0.004 | 0.001 | 0.004 | 0.001 | 0.001 | 0 | 0 | --- | --- | 19 |
| 20 | --- | --- | 0 E | 0.004 | 0.001 | 0.004 | 0.001 | 0.001 | 0 | 0 | --- | --- | 20 |
| 21 | 0A | --- | 0 E | 0.004 | 0.005 | 0.003 | 0.001 | 0.001 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0 E | 0.004 | 0.004 | 0.003 | 0.001 | 0.001 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0 001E | 0.004 | 0.003 | 0.003 | 0.001 | 0.001 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0 001A | 0.004 | 0.003 | 0.002 | 0.001 | 0 | 0 | 0 | --- | --- | 24 |
| 25 | --- | --- | 0 001 | 0.004 | 0.003 | 0.002 | 0.001 | 0 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0 001 | 0.003 | 0.005 | 0.003 | 0.001 | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0 001 | 0.003 | 0.005 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0 001 | 0.003 | 0.005 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0 001 | 0.003 | 0.005 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0 001 | 0.002 | 0.005 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0 001 | | 0.005 | | 0 001 | 0 | | 0 | | OE | 31 |
| TOTAL | -- | --- | 0.009 | 0.088 | 0.075 | 0.119 | 0.027 | 0.022 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | 0 | 0.003 | 0.002 | 0.004 | 0.001 | 0.001 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0.001 | 0.004 | 0.005 | 0.007 | 0.002 | 0.003 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | 0 | 0.001 | 0.001 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 002
MAXIMUM DAILY 0 007 ON JUN 11
MINIMUM DAILY 0 ON JUL 18
MAXIMUM INSTANTANEOUS
0 012 ON JUN 11

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 33 N
LONG 93 42 40 W
DRAINAGE AREA, 0.87 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 2 33 |
| FEB | --- | AUG | 1 90 |
| MAR | 0 78 | SEP | 0 |
| APR | 7 80 | OCT | 0 |
| MAY | 8 48 | NOV | --- |
| JUN | 10 3 | DEC | --- |

TOTAL DISCHARGE 28 6 dam³

## LAKE 225 OUTLET NEAR KENORA - STATION NO 05QD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | OE | --- | --- | 0.001 | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | 1 |
| 2 | --- | --- | --- | 0.001 | 0 | 0.001 | 0 | 0 | 0 | 0 | 0A | --- | 2 |
| 3 | --- | --- | --- | 0.001 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 3 |
| 4 | --- | --- | --- | 0.001 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0 A | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | --- | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | --- | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | --- | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | --- | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | --- | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | --- | 0.003 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 11 |
| 12 | --- | --- | --- | 0.003 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | --- | 0.003 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | --- | 0.003 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | --- | 0.003 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 15 |
| 16 | --- | --- | --- | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 16 |
| 17 | --- | 0A | --- | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0A | 17 |
| 18 | --- | --- | --- | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 18 |
| 19 | --- | --- | --- | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 19 |
| 20 | --- | --- | --- | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 20 |
| 21 | 0A | --- | --- | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | --- | 0.001 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | --- | 0.001 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0 A | 0.001 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 24 |
| 25 | --- | --- | 0 A | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0 | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0 | 0 | 0.002 | 0 | 0 | 0 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0 001 | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0 001 | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0 001 | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0 001 | | 0.001 | | 0 | 0 | | 0 | | OE | 31 |
| TOTAL | --- | --- | --- | 0.051 | 0.010 | 0.012 | 0 | 0 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | --- | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | --- | 0.003 | 0.002 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0
MAXIMUM DAILY 0 003 ON APR 8
MINIMUM DAILY 0 ON APR 26
MAXIMUM INSTANTANEOUS
0.004 ON APR 15

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 15 N
LONG 93 42 50 W
DRAINAGE AREA 0 30 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0 |
| FEB | --- | AUG | 0 |
| MAR | --- | SEP | 0 |
| APR | 4 41 | OCT | 0 |
| MAY | 0 88 | NOV | --- |
| JUN | 1 04 | DEC | --- |

TOTAL DISCHARGE, 6 31 dam³

## LAKE 226 OUTLET NEAR KENORA - STATION NO 05QD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.010E | --- | 0.002E | 0.017 | 0 | 0.007 | 0.004 | 0.003 | 0.003E | 0.002 | 0 | --- | 1 |
| 2 | --- | --- | 0.002E | 0.017 | 0 | 0.006 | 0.004 | 0.003 | 0.003 | 0.001 | 0 A | --- | 2 |
| 3 | --- | --- | 0.002E | 0.017 | 0 | 0.004 | 0.004 | 0.002 | 0.003 | 0.001 | --- | --- | 3 |
| 4 | --- | --- | 0.002E | 0.016 | 0 | 0.004 | 0.003 | 0.002 | 0.003 | 0.001 | --- | --- | 4 |
| 5 | --- | --- | 0.002A | 0.014 | 0 | 0.004 | 0.003 | 0.002 | 0.003 | 0.001 | --- | --- | 5 |
| 6 | --- | --- | 0.002E | 0.014 | 0 | 0.004 | 0.003 | 0.003 | 0.001 | 0.001 | --- | --- | 6 |
| 7 | --- | --- | 0.002E | 0.015 | 0 | 0.004 | 0.002 | 0.002 | 0.002E | 0 | --- | --- | 7 |
| 8 | --- | --- | 0.002E | 0.018 | 0 | 0.004 | 0.002 | 0.002 | 0.002E | 0.001 | --- | --- | 8 |
| 9 | --- | --- | 0.002E | 0.017 | 0 | 0.004 | 0.002 | 0.002 | 0.001E | 0.001 | --- | --- | 9 |
| 10 | --- | --- | 0.002E | 0.017 | 0 | 0.004 | 0.002 | 0.002 | 0.002 | 0.001 | --- | --- | 10 |
| 11 | --- | --- | 0.002E | 0.015 | 0 | 0.005 | 0.002 | 0.004 | 0.002 | 0.001 | --- | --- | 11 |
| 12 | --- | --- | 0.002E | 0.014 | 0 | 0.010 | 0.003 | 0.006 | 0.002 | 0.001 | --- | --- | 12 |
| 13 | --- | --- | 0.002E | 0.005 | 0 | 0.010 | 0.003 | 0.005 | 0.001 | 0 | --- | --- | 13 |
| 14 | --- | --- | 0.002E | 0.001 | 0 | 0.008 | 0.003 | 0.004 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | 0.002E | 0.001 | 0 | 0.007 | 0.003 | 0.004 | 0.001 | 0 | --- | --- | 15 |
| 16 | --- | --- | 0.002E | 0.001 | 0 | 0.006 | 0.003 | 0.004 | 0.001 | 0 | --- | --- | 16 |
| 17 | --- | 0.001A | 0.002E | 0.001 | 0 | 0.006 | 0.002 | 0.005 | 0.001 | 0 | --- | 0.001A | 17 |
| 18 | --- | --- | 0.002E | 0.003 | 0 | 0.005 | 0.002 | 0.005 | 0.001 | 0 | --- | --- | 18 |
| 19 | --- | --- | 0.002E | 0.003 | 0 | 0.005 | 0.001 | 0.003 | 0.001 | 0 | --- | --- | 19 |
| 20 | 0.002A | --- | 0.002E | 0.001 | 0 | 0.004 | 0.001 | 0.002 | 0.001 | 0 | --- | --- | 20 |
| 21 | 0.002A | --- | 0.005E | 0 | 0.002 | 0.004 | 0.002 | 0.002 | 0.001 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0.008E | 0.001 | 0.007 | 0.004 | 0.004 | 0.001 | 0.001 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0.011E | 0.001 | 0.010 | 0.004 | 0.003 | 0.001 | 0.001 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0.015A | 0.002 | 0.009 | 0.004 | 0.001 | 0.003 | 0 | 0 | 0.001A | --- | 24 |
| 25 | --- | --- | 0.018A | 0.001 | 0.009 | 0.004 | 0.002 | 0.002 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0.018 | 0.001 | 0.010 | 0.004 | 0.002 | 0.002 | 0.001 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0.017 | 0.001 | 0.012 | 0.004 | 0.001 | 0.003 | 0.002 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0.018 | 0 | 0.013 | 0.004 | 0.001 | 0.003 | 0.002 | 0 | --- | --- | 28 |
| 29 | --- | | 0.017 | 0 | 0.012 | 0.004 | 0.002 | 0.003 | 0.002 | 0 | --- | --- | 29 |
| 30 | --- | | 0.017 | 0 | 0.010 | 0.004 | 0.002 | 0.003 | 0.002 | 0 | --- | --- | 30 |
| 31 | --- | | 0.017 | | 0.008 | | 0.003 | 0.003E | | 0 | | 0 E | 31 |
| TOTAL | --- | --- | 0.201 | 0.212 | 0.102 | 0.155 | 0.075 | 0.093 | 0.046 | 0.012 | --- | --- | TOTAL |
| MEAN | --- | --- | 0.006 | 0.007 | 0.003 | 0.005 | 0.002 | 0.003 | 0.002 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0.018 | 0.017 | 0.013 | 0.010 | 0.004 | 0.006 | 0.003 | 0.002 | --- | --- | MAX |
| MIN | --- | --- | 0.002 | 0 | 0 | 0.004 | 0.001 | 0.001 | 0 | 0 | --- | --- | MIN |

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.017 ON APR 1
MINIMUM DAILY, 0 ON APR 21
MAXIMUM INSTANTANEOUS,
0.019 ON MAR 28

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 20 N
LONG 93 44 15 W
DRAINAGE AREA, 0.97 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 5.48 |
| FEB | --- | AUG | 8.04 |
| MAR | 17.4 | SEP | 3.97 |
| APR | 18.3 | OCT | 1.04 |
| MAY | 8.81 | NOV | --- |
| JUN | 13.4 | DEC | --- |

TOTAL DISCHARGE, 80.0 dam³

## LAKE 227 NEAR KENORA - STATION NO 05QD008

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 28.512 | 28.470 | 28.494 | 28.442 | 28.420 | 28.424 | 28.378 | 28.368 | --- | 1 |
| 2 | --- | --- | --- | 28.506 | 28.467 | 28.500 | 28.446 | 28.417 | 28.421 | 28.373 | 28.368A | --- | 2 |
| 3 | --- | --- | --- | 28.499 | 28.464 | 28.495 | 28.447 | 28.413 | 28.418 | 28.371 | --- | --- | 3 |
| 4 | --- | --- | --- | 28.495 | 28.461 | 28.493 | 28.443 | 28.406 | 28.416 | 28.369 | --- | --- | 4 |
| 5 | --- | --- | --- | 28.496 | 28.458 | 28.489 | 28.440 | 28.402 | 28.412 | 28.373 | --- | --- | 5 |
| 6 | --- | --- | --- | 28.497 | 28.455 | 28.488 | 28.437 | 28.406 | 28.411 | 28.372 | --- | --- | 6 |
| 7 | --- | --- | --- | 28.510 | 28.452 | 28.488 | 28.433 | 28.404 | 28.409 | 28.370 | --- | --- | 7 |
| 8 | --- | --- | --- | 28.530 | 28.449 | 28.483 | 28.426 | 28.402 | 28.406 | 28.371 | --- | --- | 8 |
| 9 | --- | --- | --- | 28.546 | 28.445 | 28.479 | 28.419 | 28.399 | 28.403 | 28.378 | --- | --- | 9 |
| 10 | --- | --- | --- | 28.553 | 28.441 | 28.476 | 28.413 | 28.395 | 28.403 | 28.377 | --- | --- | 10 |
| 11 | --- | --- | --- | 28.550 | 28.437 | 28.518 | 28.411 | 28.410 | 28.402 | 28.375 | --- | --- | 11 |
| 12 | --- | --- | --- | 28.544 | 28.433 | 28.526 | 28.417 | 28.446 | 28.404 | 28.373 | --- | --- | 12 |
| 13 | --- | --- | --- | 28.539 | 28.437 | 28.521 | 28.416 | 28.446 | 28.404 | 28.372 | --- | --- | 13 |
| 14 | --- | --- | --- | 28.532 | 28.443 | 28.512 | 28.413 | 28.445 | 28.403 | 28.370 | --- | --- | 14 |
| 15 | --- | --- | --- | 28.526 | 28.440 | 28.502 | 28.413 | 28.445 | 28.401 | 28.368 | --- | --- | 15 |
| 16 | --- | --- | --- | 28.523 | 28.441 | 28.494 | 28.413 | 28.458 | 28.399 | 28.368 | --- | --- | 16 |
| 17 | --- | --- | --- | 28.519 | 28.442 | 28.486 | 28.411 | 28.459 | 28.397 | 28.367 | --- | --- | 17 |
| 18 | --- | --- | --- | 28.515 | 28.438 | 28.480 | 28.408 | 28.456 | 28.396 | 28.365 | --- | --- | 18 |
| 19 | --- | --- | --- | 28.512 | 28.435 | 28.474 | 28.419 | 28.456 | 28.396 | 28.364 | --- | --- | 19 |
| 20 | --- | --- | --- | 28.509 | 28.434 | 28.468 | 28.420 | 28.454 | 28.395 | 28.365 | --- | --- | 20 |
| 21 | --- | --- | --- | 28.504 | 28.473 | 28.464 | 28.417 | 28.451 | 28.394 | 28.364 | --- | --- | 21 |
| 22 | --- | --- | --- | 28.501 | 28.500 | 28.462 | 28.422 | 28.446 | 28.392 | 28.363 | --- | --- | 22 |
| 23 | --- | --- | --- | 28.497 | 28.502 | 28.457 | 28.424 | 28.442 | 28.389 | 28.363 | --- | --- | 23 |
| 24 | --- | --- | 28.533A | 28.493 | 28.501 | 28.451 | 28.421 | 28.440 | 28.387 | 28.363 | --- | --- | 24 |
| 25 | --- | --- | 28.542 | 28.490 | 28.500 | 28.448 | 28.421 | 28.437 | 28.384 | 28.364 | --- | --- | 25 |
| 26 | --- | --- | 28.544 | 28.488 | 28.512 | 28.452 | 28.426 | 28.435 | 28.381 | 28.367 | --- | --- | 26 |
| 27 | --- | --- | 28.543 | 28.487 | 28.514 | 28.453 | 28.421 | 28.433 | 28.380 | 28.370 | --- | --- | 27 |
| 28 | --- | --- | 28.538 | 28.481 | 28.513 | 28.449 | 28.416 | 28.430 | 28.380 | 28.370 | --- | --- | 28 |
| 29 | --- | | 28.528 | 28.478 | 28.508 | 28.445 | 28.411 | 28.429 | 28.380 | 28.370 | --- | --- | 29 |
| 30 | --- | | 28.523 | 28.472 | 28.502 | 28.443 | 28.408 | 28.435 | 28.377 | 28.369 | --- | --- | 30 |
| 31 | --- | | 28.517 | | 28.495 | | 28.414 | 28.429 | | 28.368 | | --- | 31 |
| MEAN | --- | --- | --- | 28.510 | 28.487 | 28.480 | 28.422 | 28.431 | 28.399 | 28.369 | --- | --- | MEAN |
| MAX | --- | --- | --- | 28.553 | 28.514 | 28.526 | 28.446 | 28.459 | 28.424 | 28.378 | --- | --- | MAX |
| MIN | --- | --- | --- | 28.472 | 28.433 | 28.443 | 28.408 | 28.395 | 28.377 | 28.363 | --- | --- | MIN |

WATER LEVELS IN METRES

MAXIMUM DAILY 28.553 ON APR 10

MAXIMUM INSTANTANEOUS,
28.563 AT 02:30 CST ON APR 11

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 13 N
LONG 93 41 27 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

A MANUAL GAUGE

NATURAL FLOW

## LAKE 227 OUTLET NEAR KENORA - STATION NO 05QD008

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0E | --- | 0 E | 0.005 | 0.001 | 0.003 | 0 | 0 | 0 | 0 | 0 | --- | 1 |
| 2 | --- | --- | 0 E | 0.004 | 0 | 0.003 | 0 | 0 | 0 | 0 | 0A | --- | 2 |
| 3 | --- | --- | 0 E | 0.004 | 0 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | 3 |
| 4 | --- | --- | 0 E | 0.003 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0 A | 0.004 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | 0 E | 0.004 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | 0 E | 0.004 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | 0 E | 0.004 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | 0 E | 0.004 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | 0 E | 0.003 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | 0 E | 0.003 | 0 | 0.005 | 0 | 0 | 0 | 0 | --- | --- | 11 |
| 12 | --- | --- | 0 E | 0.003 | 0 | 0.006 | 0 | 0 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | 0 E | 0.002 | 0 | 0.005 | 0 | 0 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | 0 E | 0.002 | 0 | 0.005 | 0 | 0 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | 0 E | 0.002 | 0 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | 15 |
| 16 | --- | --- | 0 E | 0.002 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 16 |
| 17 | --- | 0A | 0 E | 0.002 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | 0A | 17 |
| 18 | --- | --- | 0 E | 0.002 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 18 |
| 19 | --- | --- | 0 E | 0.002 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 19 |
| 20 | 0A | --- | 0 E | 0.002 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 20 |
| 21 | --- | --- | 0.002E | 0.002 | 0.003 | 0 | 0 | 0 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0.004E | 0.002 | 0.004 | 0 | 0 | 0 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0.006E | 0.001 | 0.004 | 0 | 0 | 0 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0.008A | 0.001 | 0.004 | 0 | 0 | 0 | 0 | 0 | --- | --- | 24 |
| 25 | --- | --- | 0.010 | 0.001 | 0.004 | 0 | 0 | 0 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0.010 | 0.001 | 0.006 | 0 | 0 | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0.010 | 0.001 | 0.007 | 0 | 0 | 0 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0.009 | 0.001 | 0.006 | 0 | 0 | 0 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0.008 | 0.001 | 0.006 | 0 | 0 | 0 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0.007 | 0.001 | 0.004 | 0 | 0 | 0 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0.006 | | 0.003 | | 0 | 0 | | 0 | | 0E | 31 |
| TOTAL | --- | --- | 0.080 | 0.073 | 0.051 | 0.051 | 0 | 0 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | 0.003 | 0.002 | 0.003 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0.010 | 0.005 | 0.007 | 0.006 | 0 | 0 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MIN |

### SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.007 ON MAY 27
MINIMUM DAILY, 0 ON MAY 2
MAXIMUM INSTANTANEOUS,
0.011 ON MAR 26

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 15 N
LONG 93 41 25 W
DRAINAGE AREA, 0.34 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0 |
| FEB | --- | AUG | 0 |
| MAR | 6.91 | SEP | 0 |
| APR | 6.31 | OCT | 0 |
| MAY | 4.41 | NOV | --- |
| JUN | 4.41 | DEC | --- |

TOTAL DISCHARGE, 15.1 dam³

## LAKE 239 NEAR KENORA - STATION NO. 05PD021

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.551 | 29.568 | 29.587 | 29.676 | 29.553 | 29.585 | 29.499 | 29.458 | 29.410 | 29.368 | 29.311 | 29.327 | 1 |
| 2 | 29.551 | 29.568 | 29.586 | 29.665 | 29.550 | 29.569 | 29.501 | 29.457 | 29.403 | 29.358 | 29.313 | 29.327 | 2 |
| 3 | 29.552 | 29.569 | 29.586 | 29.655 | 29.545 | 29.561 | 29.497 | 29.454 | 29.398E | 29.348 | 29.315 | 29.326 | 3 |
| 4 | 29.553 | 29.570 | 29.589 | 29.647 | 29.541 | 29.577 | 29.494 | 29.447 | 29.398E | 29.344 | 29.319 | 29.325 | 4 |
| 5 | 29.553 | 29.570 | 29.591 | 29.643 | 29.538 | 29.573 | 29.490 | 29.442 | 29.399E | 29.364 | 29.318 | 29.325 | 5 |
| 6 | 29.553 | 29.569 | 29.593 | 29.642 | 29.534 | 29.571 | 29.487 | 29.445 | 29.400E | 29.352 | 29.316 | 29.326 | 6 |
| 7 | 29.555 | 29.569 | 29.594 | 29.646 | 29.530 | 29.570 | 29.484 | 29.444 | 29.400E | 29.341 | 29.315 | 29.326 | 7 |
| 8 | 29.555 | 29.569 | 29.597 | 29.648 | 29.526 | 29.564 | 29.478 | 29.442 | 29.402A | 29.338 | 29.313 | 29.327 | 8 |
| 9 | 29.555 | 29.569 | 29.598 | 29.650 | 29.522 | 29.557 | 29.471 | 29.440 | 29.386 | 29.350 | 29.311 | 29.329 | 9 |
| 10 | 29.556 | 29.568 | 29.600 | 29.649 | 29.518 | 29.555 | 29.468 | 29.434 | 29.394 | 29.361 | 29.311 | 29.326 | 10 |
| 11 | 29.556 | 29.569 | 29.603 | 29.647 | 29.515 | 29.594 | 29.468 | 29.443 | 29.394 | 29.339 | 29.309 | 29.330 | 11 |
| 12 | 29.556 | 29.568 | 29.603 | 29.643 | 29.511 | 29.602 | 29.472 | 29.463 | 29.395A | 29.337 | 29.309 | 29.333 | 12 |
| 13 | 29.556 | 29.569 | 29.604 | 29.640 | 29.515 | 29.589 | 29.468 | 29.461 | 29.397E | 29.335 | 29.309 | 29.332 | 13 |
| 14 | 29.556 | 29.569 | 29.604 | 29.638 | 29.520 | 29.593 | 29.462 | 29.458 | 29.400A | 29.331 | 29.309 | 29.333 | 14 |
| 15 | 29.556 | 29.569 | 29.603 | 29.630 | 29.518 | 29.584 | 29.462 | 29.468 | 29.399 | 29.329 | 29.312 | 29.333 | 15 |
| 16 | 29.556 | 29.568 | 29.602 | 29.627 | 29.519 | 29.576 | 29.465 | 29.468 | 29.398 | 29.326 | 29.326 | 29.332 | 16 |
| 17 | 29.557 | 29.569 | 29.599 | 29.621 | 29.519 | 29.570 | 29.471 | 29.465 | 29.395 | 29.321 | 29.336 | 29.333 | 17 |
| 18 | 29.557 | 29.569 | 29.598 | 29.616 | 29.516 | 29.562 | 29.472 | 29.462 | 29.393 | 29.317 | 29.334 | 29.333 | 18 |
| 19 | 29.560 | 29.569 | 29.597 | 29.612 | 29.512 | 29.557 | 29.471 | 29.458 | 29.394 | 29.313 | 29.334 | 29.333 | 19 |
| 20 | 29.562 | 29.569 | 29.598 | 29.607 | 29.512 | 29.550 | 29.471 | 29.455 | 29.391 | 29.312 | 29.333 | 29.333 | 20 |
| 21 | 29.561 | 29.568 | 29.604 | 29.600 | 29.549 | 29.545 | 29.469 | 29.453 | 29.390E | 29.310 | 29.331 | 29.333 | 21 |
| 22 | 29.561 | 29.569 | 29.618 | 29.595 | 29.570 | 29.545 | 29.472 | 29.446 | 29.387E | 29.306 | 29.328 | 29.334 | 22 |
| 23 | 29.561 | 29.570 | 29.652 | 29.589 | 29.574 | 29.538 | 29.472 | 29.442 | 29.385E | 29.306 | 29.329 | 29.334 | 23 |
| 24 | 29.560 | 29.573 | 29.692 | 29.584 | 29.574 | 29.530 | 29.468 | 29.439 | 29.382E | 29.306 | 29.327 | 29.334 | 24 |
| 25 | 29.561 | 29.579 | 29.712 | 29.580 | 29.571 | 29.522 | 29.464 | 29.436 | 29.379E | 29.304 | 29.327 | 29.334 | 25 |
| 26 | 29.562 | 29.580 | 29.718 | 29.577 | 29.586 | 29.521 | 29.462 | 29.434 | 29.376E | 29.307 | 29.326 | 29.335 | 26 |
| 27 | 29.563 | 29.583 | 29.719 | 29.572 | 29.583 | 29.516 | 29.459 | 29.431 | 29.374E | 29.311 | 29.327 | 29.334 | 27 |
| 28 | 29.562 | 29.585 | 29.717 | 29.586 | 29.595 | 29.510 | 29.456 | 29.428 | 29.371A | 29.309 | 29.326 | 29.334 | 28 |
| 29 | 29.565 | | 29.706 | 29.580 | 29.593 | 29.505 | 29.454 | 29.420 | 29.371 | 29.310 | 29.326 | 29.335 | 29 |
| 30 | 29.568 | | 29.695 | 29.556 | 29.590 | 29.500 | 29.449 | 29.417 | 29.366 | 29.310 | 29.327 | 29.336 | 30 |
| 31 | 29.568 | | 29.683 | | 29.584 | | 29.455 | 29.417 | | 29.310 | | 29.336 | 31 |
| MEAN | 29.558 | 29.571 | 29.627 | 29.619 | 29.545 | 29.558 | 29.472 | 29.446 | 29.391 | 29.327 | 29.321 | 29.331 | MEAN |
| MAX | 29.568 | 29.585 | 29.719 | 29.676 | 29.595 | 29.602 | 29.501 | 29.468 | 29.410 | 29.368 | 29.336 | 29.336 | MAX |
| MIN | 29.551 | 29.568 | 29.587 | 29.556 | 29.511 | 29.500 | 29.449 | 29.417 | 29.366 | 29.304 | 29.309 | 29.325 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 29.480
MAXIMUM DAILY, 29.719 ON MAR 27
MINIMUM DAILY, 29.304 ON OCT 25
MAXIMUM INSTANTANEOUS,
29.720 AT 16:38 CST ON MAR 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 28 N
LONG 93 43 36 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

A - MANUAL GAUGE

E ESTIMATED

NATURAL FLOW

## LAKE 239 NORTHEAST INLET NEAR KENORA - STATION NO 05PD003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0E | --- | 0 E | 0.002 | 0 E | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | 1 |
| 2 | --- | --- | 0 E | 0.002 | 0 E | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | 2 |
| 3 | --- | --- | 0 E | 0.002 | 0 E | 0 | 0 | 0 | 0 | 0 | --- | --- | 3 |
| 4 | --- | --- | 0 A | 0.001 | 0 E | 0 | 0 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0 E | 0.001 | 0 A | 0 | 0 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | 0 E | 0.002 | 0 A | 0 | 0 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | 0 E | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | 0 E | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | 0 E | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | 0 E | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | 0 E | 0.002 | 0 | 0.006 | 0 | 0.001 | 0 | 0 | 0A | --- | 11 |
| 12 | --- | --- | 0 E | 0.003 | 0 | 0.002 | 0 | 0.002 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | 0 E | 0.001 | 0 | 0.001 | 0 | 0.001 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | 0 E | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | 0 E | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 15 |
| 16 | --- | 0A | 0 E | 0 | 0 | 0 | 0 | 0.001 | 0 | 0 | --- | --- | 16 |
| 17 | --- | --- | 0 E | 0 | 0 | 0 | 0 | 0.001 | 0 | 0 | --- | 0A | 17 |
| 18 | --- | --- | 0 E | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 18 |
| 19 | 0A | --- | 0 E | 0 | 0 | 0 | 0.001 | 0 | 0 | 0 | --- | --- | 19 |
| 20 | --- | --- | 0 E | 0 | 0 | 0 | 0.001 | 0 | 0 | 0 | --- | --- | 20 |
| 21 | --- | --- | 0.002E | 0 E | 0.008 | 0 | 0 | 0 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0.003E | 0 E | 0.006 | 0 | 0 | 0 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0.011A | 0 E | 0.002 | 0 | 0 | 0 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0.004 | 0 E | 0.001 | 0 | 0 | 0 | 0 | 0 | 0A | --- | 24 |
| 25 | --- | --- | 0.004 | 0 E | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0.004 | 0 E | 0.003 | 0 | 0 | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0.005 | 0 E | 0.002 | 0 | 0 | 0 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0.005 | 0 A | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0.003 | 0 E | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0.002 | 0 E | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0.002 | | 0 | | 0 | 0 | | 0 | | 0E | 31 |
| TOTAL | --- | --- | 0.044 | 0.025 | 0.022 | 0.011 | 0.002 | 0.005 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | 0.001 | 0.001 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0.011 | 0.002 | 0.008 | 0.006 | 0.001 | 0.002 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.011A ON MAR 23
MINIMUM DAILY, 0E ON JAN 1

DATA CONTRIBUTED BY -
FRESHWATER INSTITUTE (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 04 N
LONG 93 43 08 W
DRAINAGE AREA, 0.12 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0.17 |
| FEB | --- | AUG | 0.62 |
| MAR | 3.80 | SEP | 0 |
| APR | 2.16 | OCT | 0 |
| MAY | 1.90 | NOV | --- |
| JUN | 0.95 | DEC | --- |

REMARKS - FLOWS MAY HAVE BEEN INFLUENCED BY SIMULATED RAINSTORMS BETWEEN MAY 18 AND OCT 07

## LAKE 239 OUTLET NEAR KENORA - STATION NO 05PD023

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0.083 | 0.013 | 0.028 | 0.001 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 0.075 | 0.012 | 0.030 | 0.001 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 0.068 | 0.010 | 0.027 | 0.001 | 0 | 0 | 0 | 0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 0.062 | 0.009 | 0.026 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 0.080 | 0.009 | 0.024 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6 | 0 | 0 | 0 | 0.059 | 0.008 | 0.022 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0 | 0 | 0 | 0.080 | 0.007 | 0.021 | 0.002 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0.061 | 0.006 | 0.018 | 0.002 | 0 | 0 | 0 | 0 | 0 | 8 |
| 9 | 0 | 0 | 0 | 0.060 | 0.005 | 0.014 | 0.002 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10 | 0 | 0 | 0 | 0.065 | 0.004 | 0.013 | 0.001 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0.065 | 0.004 | 0.030 | 0.001 | 0 | 0 | 0 | 0 | 0 | 11 |
| 12 | 0 | 0 | 0 | 0.062 | 0.003 | 0.034 | 0.001 | 0 | 0 | 0 | 0 | 0 | 12 |
| 13 | 0 | 0 | 0 | 0.060 | 0.003 | 0.032 | 0.001 | 0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 0 | 0 | 0 | 0.057 | 0.002 | 0.028 | 0.001 | 0 | 0 | 0 | 0 | 0 | 14 |
| 15 | 0 | 0 | 0 | 0.054 | 0.002 | 0.024 | 0.001 | 0 | 0 | 0 | 0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 0.051 | 0.002 | 0.021 | 0.001 | 0 | 0 | 0 | 0 | 0 | 16 |
| 17 | 0 | 0 | 0 | 0.049 | 0.002 | 0.019 | 0.001 | 0 | 0 | 0 | 0 | 0 | 17 |
| 18 | 0 | 0 | 0 | 0.048 | 0.001 | 0.016 | 0.001 | 0 | 0 | 0 | 0 | 0 | 18 |
| 19 | 0 | 0 | 0 | 0.044 | 0.001 | 0.014 | 0.001 | 0 | 0 | 0 | 0 | 0 | 19 |
| 20 | 0 | 0 | 0 | 0.042 | 0.001 | 0.013 | 0.001 | 0 | 0 | 0 | 0 | 0 | 20 |
| 21 | 0 | 0 | 0 | 0.040 | 0.010 | 0.011 | 0.001 | 0 | 0 | 0 | 0 | 0 | 21 |
| 22 | 0 | 0 | 0 | 0.038 | 0.018 | 0.011 | 0.001 | 0 | 0 | 0 | 0 | 0 | 22 |
| 23 | 0 | 0 | 0.028 | 0.034 | 0.017 | 0.009 | 0.001 | 0 | 0 | 0 | 0 | 0 | 23 |
| 24 | 0 | 0 | 0.095 | 0.032 | 0.018 | 0.007 | 0.001 | 0 | 0 | 0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0.113 | 0.030 | 0.018 | 0.006 | 0.001 | 0 | 0 | 0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0.118 | 0.027 | 0.025 | 0.006 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 0.122 | 0.024 | 0.029 | 0.005 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 28 | 0 | 0 | 0.120 | 0.020 | 0.031 | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| 29 | 0 | | 0.114 | 0.015 | 0.031 | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 30 | 0 | | 0.104 | 0.014 | 0.029 | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 31 | 0 | | 0.093 | | 0.026 | | 0 | 0 | | 0 | | 0 | 31 |
| TOTAL | 0 | 0 | 0.906 | 1.455 | 0.353 | 0.514 | 0.025 | 0 | 0 | 0 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0.029 | 0.049 | 0.011 | 0.017 | 0.001 | 0 | 0 | 0 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0.122 | 0.083 | 0.031 | 0.034 | 0.002 | 0 | 0 | 0 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0.014 | 0.001 | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.122 ON MAR 27
MINIMUM DAILY, 0 ON JAN 1
MAXIMUM INSTANTANEOUS,
0.133 ON MAR 27

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 28 N
LONG 93 43 36 W
DRAINAGE AREA, 3.93 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 2.16 |
| FEB | 0 | AUG | 0 |
| MAR | 78.3 | SEP | 0 |
| APR | 126 | OCT | 0 |
| MAY | 30.5 | NOV | 0 |
| JUN | 44.4 | DEC | 0 |

TOTAL DISCHARGE, 281 dam³

## LAKE 239, LOWER EAST INLET, NEAR KENORA - STATION NO. 05PD024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.001E | --- | 0.001E | 0.013 | 0.003 | 0.006 | 0 | 0 | 0 | 0 | 0 | --- | 1 |
| 2 | --- | --- | 0.001E | 0.013 | 0.003 | 0.011 | 0 | 0 | 0 | 0 | 0 | --- | 2 |
| 3 | --- | --- | 0.001E | 0.014 | 0.003 | 0.004 | 0 | 0 | 0 | 0 | E | --- | 3 |
| 4 | --- | --- | 0.001A | 0.018 | 0.002 | 0.005 | 0 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0.001E | 0.033 | 0.002 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | 0.001E | 0.046 | 0.001 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | 0.001E | 0.051 | 0.001 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | 0.001E | 0.049 | 0.001 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | 0.001E | 0.040 | 0.001 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | 0.001E | 0.030 | 0.001 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | 0.001E | 0.023 | 0 | 0.086 | 0 | 0 | 0 | 0 | 0A | --- | 11 |
| 12 | --- | --- | 0.001E | 0.018 | 0 | 0.034 | 0 | 0.002 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | 0.001E | 0.016 | 0.002 | 0.013 | 0 | 0 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | 0.001E | 0.015 | 0.003 | 0.006 | 0 | 0 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | 0.001E | 0.013 | 0.002 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 15 |
| 16 | --- | 0.001A | 0.001E | 0.013 | 0.002 | 0.001 | 0 | 0.001 | 0 | 0 | --- | --- | 16 |
| 17 | --- | --- | 0.001E | 0.012 | 0.002 | 0 | 0 | 0 | 0 | 0 | --- | 0A | 17 |
| 18 | --- | --- | 0.001E | 0.011 | 0.002 | 0 | 0 | 0 | 0 | 0 | --- | --- | 18 |
| 19 | 0 A | --- | 0.001E | 0.011 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 19 |
| 20 | --- | --- | 0.000E | 0.011 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 20 |
| 21 | --- | --- | 0.028E | 0.009 | 0.058 | 0 | 0 | 0 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0.032E | 0.006 | 0.057 | 0 | 0 | 0 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0.157E | 0.007 | 0.019 | 0 | 0 | 0 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0.135 | 0.008 | 0.009 | 0 | 0 | 0 | 0 | 0 | --- | --- | 24 |
| 25 | --- | --- | 0.101 | 0.005 | 0.006 | 0 | 0 | 0 | 0 | 0 | 0A | --- | 25 |
| 26 | --- | --- | 0.078 | 0.005 | 0.021 | 0 | 0 | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0.060 | 0.005 | 0.018 | 0 | 0 | 0 | 0 | 0.001 | --- | --- | 27 |
| 28 | --- | --- | 0.042 | 0.004 | 0.011 | 0 | 0 | 0 | 0 | 0.001 | --- | --- | 28 |
| 29 | --- | | 0.031 | 0.003 | 0.005 | 0 | 0 | 0 | 0 | 0.001 | --- | --- | 29 |
| 30 | --- | | 0.023 | 0.003 | 0.003 | 0 | 0 | 0 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0.017 | | 0.001 | | 0 | 0 | | 0 | | 0E | 31 |
| TOTAL | --- | --- | 0.728 | 0.504 | 0.339 | 0.379 | 0 | 0.003 | 0 | 0.003 | --- | --- | TOTAL |
| MEAN | --- | --- | 0.024 | 0.017 | 0.008 | 0.008 | 0 | 0 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0.157 | 0.051 | 0.057 | 0.086 | 0 | 0.002 | 0 | 0.001 | --- | --- | MAX |
| MIN | --- | --- | 0.001 | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MIN |

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.086 ON JUN 11
MINIMUM DAILY, 0 ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 37 N
LONG 93 42 48 W
DRAINAGE AREA, 1.70 km²
A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0 |
| FEB | --- | AUG | 0.26 |
| MAR | 83.0 | SEP | 0 |
| APR | 43.5 | OCT | 0.26 |
| MAY | 20.8 | NOV | --- |
| JUN | 15.5 | DEC | --- |

TOTAL DISCHARGE, 80.1 dam³

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

## LAKE 240 OUTLET NEAR KENORA - STATION NO. 05PD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.006 | 0.008 | 0.007 | 0.187 | 0.058 | 0.081 | 0.018 | 0.004 | 0 | 0 | 0 | 0 | 1 |
| 2 | 0.006 | 0.008 | 0.007 | 0.180 | 0.064 | 0.081 | 0.018 | 0.003 | 0 | 0 | 0 | 0 | 2 |
| 3 | 0.007 | 0.007 | 0.006 | 0.171 | 0.048 | 0.077 | 0.015 | 0.002 | 0 | 0 | 0 | 0 | 3 |
| 4 | 0.007 | 0.007 | 0.007 | 0.165 | 0.046 | 0.074 | 0.013 | 0 | 0 | 0 | 0 | 0 | 4 |
| 5 | 0.007 | 0.007 | 0.007 | 0.159 | 0.044 | 0.070 | 0.012 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6 | 0.007 | 0.007 | 0.007 | 0.158 | 0.039 | 0.067 | 0.010 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0.007 | 0.005 | 0.007 | 0.162 | 0.037 | 0.064 | 0.010 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0.006 | 0.002 | 0.005 | 0.167 | 0.035 | 0.056 | 0.008 | 0 | 0 | 0 | 0 | 0 | 8 |
| 9 | 0.006 | 0.005 | 0.003 | 0.171 | 0.033 | 0.051 | 0.007 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10 | 0.006 | 0.006 | 0.002 | 0.171 | 0.029 | 0.047 | 0.006 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0.006 | 0.006 | 0.002 | 0.170 | 0.027 | 0.072 | 0.006 | 0.001 | 0 | 0 | 0 | 0 | 11 |
| 12 | 0.006 | 0.005 | 0.002 | 0.165 | 0.023 | 0.076 | 0.007 | 0.003 | 0 | 0 | 0 | 0 | 12 |
| 13 | 0.007 | 0.005 | 0.002 | 0.161 | 0.023 | 0.075 | 0.006 | 0.001 | 0 | 0 | 0 | 0 | 13 |
| 14 | 0.007 | 0.005 | 0.003 | 0.155 | 0.024 | 0.073 | 0.005 | 0.001 | 0 | 0 | 0 | 0 | 14 |
| 15 | 0.005 | 0.004 | 0.004 | 0.155 | 0.022 | 0.087 | 0.005 | 0.001 | 0 | 0 | 0 | 0 | 15 |
| 16 | 0.004 | 0.004 | 0.004 | 0.148 | 0.023 | 0.085 | 0.005 | 0.003 | 0 | 0 | 0 | 0 | 16 |
| 17 | 0.004 | 0.004 | 0.003 | 0.143 | 0.022 | 0.080 | 0.005 | 0.002 | 0 | 0 | 0 | 0 | 17 |
| 18 | 0.005 | 0.004 | 0.003 | 0.138 | 0.019 | 0.058 | 0.005 | 0.001 | 0 | 0 | 0 | 0 | 18 |
| 19 | 0.005 | 0.004 | 0.003 | 0.134 | 0.016 | 0.052 | 0.005 | 0 | 0 | 0 | 0 | 0 | 19 |
| 20 | 0.005 | 0.004 | 0.005 | 0.126 | 0.016 | 0.049 | 0.005 | 0 | 0 | 0 | 0 | 0 | 20 |
| 21 | 0.005 | 0.004 | 0.006 | 0.116 | 0.031 | 0.045 | 0.005 | 0 | 0 | 0 | 0 | 0 | 21 |
| 22 | 0.006 | 0.004 | 0.007 | 0.108 | 0.037 | 0.044 | 0.007 | 0 | 0 | 0 | 0 | 0 | 22 |
| 23 | 0.006 | 0.005 | 0.012 | 0.103 | 0.040 | 0.042 | 0.007 | 0 | 0 | 0 | 0 | 0 | 23 |
| 24 | 0.006 | 0.005 | 0.034 | 0.094 | 0.043 | 0.038 | 0.006 | 0 | 0 | 0 | 0 | 0 | 24 |
| 25 | 0.005 | 0.005 | 0.045 | 0.089 | 0.048 | 0.031 | 0.005 | 0 | 0 | 0 | 0 | 0 | 25 |
| 26 | 0.006 | 0.006 | 0.073 | 0.083 | 0.058 | 0.029 | 0.005 | 0 | 0 | 0 | 0 | 0 | 26 |
| 27 | 0.006 | 0.006 | 0.107 | 0.080 | 0.067 | 0.025 | 0.004 | 0 | 0 | 0 | 0 | 0 | 27 |
| 28 | 0.006 | 0.007 | 0.138 | 0.074 | 0.075 | 0.022 | 0.003 | 0 | 0 | 0 | 0 | 0 | 28 |
| 29 | 0.007 | | 0.158 | 0.069 | 0.079 | 0.019 | 0.002 | 0 | 0 | 0 | 0 | 0 | 29 |
| 30 | 0.008 | | 0.173 | 0.061 | 0.081 | 0.017 | 0.001 | 0 | 0 | 0 | 0 | 0 | 30 |
| 31 | 0.008 | | 0.185 | | 0.080 | | 0.003 | 0 | | 0 | | 0 | 31 |
| TOTAL | 0.190 | 0.149 | 1.015 | 4.084 | 1.276 | 1.626 | 0.218 | 0.022 | 0 | 0 | 0 | 0 | TOTAL |
| MEAN | 0.006 | 0.005 | 0.033 | 0.135 | 0.041 | 0.054 | 0.007 | 0.001 | 0 | 0 | 0 | 0 | MEAN |
| MAX | 0.008 | 0.008 | 0.185 | 0.187 | 0.081 | 0.081 | 0.018 | 0.004 | 0 | 0 | 0 | 0 | MAX |
| MIN | 0.004 | 0.002 | 0.002 | 0.061 | 0.016 | 0.017 | 0.001 | 0 | 0 | 0 | 0 | 0 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.023
MAXIMUM DAILY, 0.187 ON APR 1
MINIMUM DAILY, 0 ON AUG 4
MAXIMUM INSTANTANEOUS, 0.193 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 52 N
LONG 93 43 34 W
DRAINAGE AREA, 7.23 km²
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 16.4 | JUL | 18.8 |
| FEB | 12.9 | AUG | 1.90 |
| MAR | 87.7 | SEP | 0 |
| APR | 351 | OCT | 0 |
| MAY | 110 | NOV | 0 |
| JUN | 140 | DEC | 0 |

TOTAL DISCHARGE, 739 dam³

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

## LAKE 302 NEAR KENORA - STATION NO 05QD022

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 27 528 | 27 469 | 27 539 | 27 511 | 27 477 | 27 514 | 27 468 | 27 447 | --- | 1 |
| 2 | --- | --- | --- | 27 532 | 27 465 | 27 544 | 27 514 | 27 474 | 27 510 | 27 463 | 27 447A | --- | 2 |
| 3 | --- | --- | --- | 27 538 | 27 461 | 27 542 | 27 511 | 27 47 | 27 506 | 27 458 | --- | --- | 3 |
| 4 | --- | --- | --- | 27 544 | 27 457 | 27 541 | 27 507 | 27 484 | 27 502 | 27 457 | --- | --- | 4 |
| 5 | --- | --- | --- | 27 545 | 27 453 | 27 539 | 27 504 | 27 459 | 27 501 | 27 460 | --- | --- | 5 |
| 6 | --- | --- | --- | 27 545 | 27 450 | 27 538 | 27 502 | 27 461 | 27 501 | 27 458 | --- | --- | 6 |
| 7 | --- | --- | --- | 27 541 | 27 446 | 27 536 | 27 501 | 27 459 | 27 499 | 27 455 | --- | --- | 7 |
| 8 | --- | --- | --- | 27 535 | 27 444 | 27 535 | 27 467 | 27 454 | 27 498 | 27 455 | --- | --- | 8 |
| 9 | --- | --- | --- | 27 530 | 27 440 | 27 530 | 27 491 | 27 453 | 27 496 | 27 460 | --- | --- | 9 |
| 10 | --- | --- | --- | 27 525 | 27 436 | 27 527 | 27 481 | 27 448 | 27 495 | 27 458 | --- | --- | 10 |
| 11 | --- | --- | --- | 27 524 | 27 433 | 27 563 | 27 481 | 27 463 | 27 493 | 27 456 | --- | --- | 11 |
| 12 | --- | --- | --- | 27 523 | 27 429 | 27 571 | 27 491 | 27 509 | 27 495 | 27 455 | --- | --- | 12 |
| 13 | --- | --- | --- | 27 525 | 27 436 | 27 571 | 27 491 | 27 509 | 27 495 | 27 462 | --- | --- | 13 |
| 14 | --- | --- | --- | 27 527 | 27 445 | 27 569 | 27 487 | 27 510 | 27 494 | 27 461 | --- | --- | 14 |
| 15 | --- | --- | --- | 27 529 | 27 443 | 27 564 | 27 487 | 27 512 | 27 492 | 27 460 | --- | --- | 15 |
| 16 | --- | --- | --- | 27 528 | 27 443 | 27 560 | 27 488 | 27 528 | 27 491 | 27 460 | --- | --- | 16 |
| 17 | --- | --- | --- | 27 525 | 27 443 | 27 555 | 27 488 | 27 545 | 27 489 | 27 448 | --- | --- | 17 |
| 18 | --- | --- | --- | 27 522 | 27 437 | 27 554 | 27 485 | 27 548 | 27 487 | 27 445 | --- | --- | 18 |
| 19 | --- | --- | --- | 27 518 | 27 434 | 27 550 | 27 488 | 27 547 | 27 487 | 27 448 | --- | --- | 19 |
| 20 | --- | --- | --- | 27 513 | 27 433 | 27 548 | 27 489 | 27 544 | 27 485 | 27 444 | --- | --- | 20 |
| 21 | --- | --- | --- | 27 505 | 27 472 | 27 544 | 27 485 | 27 541 | 27 485 | 27 443 | --- | --- | 21 |
| 22 | --- | --- | --- | 27 505 | 27 494 | 27 545 | 27 489 | 27 536 | 27 483 | 27 442 | --- | --- | 22 |
| 23 | --- | --- | --- | 27 501 | 27 500 | 27 541 | 27 488 | 27 533 | 27 480 | 27 443 | --- | --- | 23 |
| 24 | --- | --- | 27 528A | 27 498 | 27 502 | 27 534 | 27 485 | 27 530 | 27 476 | 27 444 | --- | --- | 24 |
| 25 | --- | --- | 27 520 | 27 492 | 27 505 | 27 529 | 27 482 | 27 526 | 27 473 | 27 442 | --- | --- | 25 |
| 26 | --- | --- | 27 518 | 27 488 | 27 520 | 27 530 | 27 478 | 27 524 | 27 471 | 27 445 | --- | --- | 26 |
| 27 | --- | --- | 27 520 | 27 484 | 27 528 | 27 527 | 27 478 | 27 522 | 27 468 | 27 448 | --- | --- | 27 |
| 28 | --- | --- | 27 522 | 27 478 | 27 534 | 27 522 | 27 471 | 27 518 | 27 470 | 27 446 | --- | --- | 28 |
| 29 | --- | | 27 524 | 27 475 | 27 537 | 27 517 | 27 488 | 27 518 | 27 472 | 27 447 | --- | --- | 29 |
| 30 | --- | | 27 525 | 27 471 | 27 538 | 27 512 | 27 484 | 27 524 | 27 488 | 27 447 | --- | --- | 30 |
| 31 | --- | | 27 527 | | 27 537 | | 27 473 | 27 518 | | 27 446 | | --- | 31 |
| MEAN | --- | --- | --- | 27 517 | 27 470 | 27 543 | 27 488 | 27 504 | 27 489 | 27 451 | --- | --- | MEAN |
| MAX | --- | --- | --- | 27 545 | 27 538 | 27 571 | 27 514 | 27 548 | 27 514 | 27 488 | --- | --- | MAX |
| MIN | --- | --- | --- | 27 471 | 27 428 | 27 512 | 27 484 | 27 448 | 27 489 | 27 442 | --- | --- | MIN |

WATER LEVELS IN METRES

MAXIMUM DAILY 27 571 ON JUN 12

MAXIMUM INSTANTANEOUS
27 572 AT 14 43 CST ON JUN 12

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 24 N
LONG 93 45 40 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

A - MANUAL GAUGE

NATURAL FLOW

## LAKE 302 OUTLET NEAR KENORA - STATION NO 05QD023

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 003E | --- | 0 003E | 0 018 | 0 005 | 0 001 | 0 002 | 0 002 | 0 | 0 | 0 | --- | 1 |
| 2 | --- | --- | 0 003E | 0 016 | 0 004 | 0 002 | 0 002 | 0 002 | 0 001 | 0 | 0E | --- | 2 |
| 3 | --- | --- | 0 003E | 0 015 | 0 004 | 0 004 | 0 002 | 0 001 | 0 001 | 0 | --- | --- | 3 |
| 4 | --- | --- | 0 003E | 0 014 | 0 004 | 0 004 | 0 002 | 0 001 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0 003A | 0 013 | 0 004 | 0 004 | 0 002 | 0 001 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | 0 003E | 0 013 | 0 004 | 0 004 | 0 002 | 0 001 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | 0 003E | 0 014 | 0 004 | 0 004 | 0 002 | 0 001 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | 0 003E | 0 014 | 0 004 | 0 004 | 0 002 | 0 001 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | 0 003E | 0 015 | 0 003 | 0 003 | 0 002 | 0 001 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | 0 003E | 0 016 | 0 003 | 0 003 | 0 002 | 0 001 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | 0 003E | 0 015 | 0 002 | 0 006 | 0 002 | 0 001 | 0 | 0 | --- | --- | 11 |
| 12 | --- | --- | 0 003E | 0 015 | 0 002 | 0 007 | 0 002 | 0 001 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | 0 003E | 0 015 | 0 002 | 0 006 | 0 002 | 0 001 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | 0 003E | 0 015 | 0 003 | 0 005 | 0 002 | 0 001 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | 0 003E | 0 014 | 0 003 | 0 004 | 0 002 | 0 001 | 0 | 0 | --- | --- | 15 |
| 16 | --- | 0 003A | 0 003E | 0 015 | 0 003 | 0 004E | 0 002 | 0 001 | 0 | 0 | --- | 0E | 16 |
| 17 | --- | --- | 0 003E | 0 014 | 0 003 | 0 004E | 0 002 | 0 001 | 0 | 0 | --- | --- | 17 |
| 18 | --- | --- | 0 003E | 0 013 | 0 002 | 0 003E | 0 001 | 0 001 | 0 | 0 | --- | --- | 18 |
| 19 | --- | --- | 0 003E | 0 013 | 0 003 | 0 003E | 0 002 | 0 001 | 0 | 0 | --- | --- | 19 |
| 20 | 0 003A | --- | 0 003E | 0 012 | 0 001 | 0 003E | 0 002 | 0 001 | 0 | 0 | --- | --- | 20 |
| 21 | --- | --- | 0 003E | 0 012 | 0 002 | 0 003E | 0 001 | 0 001 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0 003E | 0 011 | 0 003 | 0 003E | 0 001 | 0 001 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0 005E | 0 010 | 0 003 | 0 003 | 0 001 | 0 001 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0 015A | 0 009 | 0 002 | 0 003 | 0 001 | 0 001 | 0 | 0 | --- | --- | 24 |
| 25 | --- | --- | 0 018 | 0 009 | 0 001 | 0 002 | 0 001 | 0 001 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0 018 | 0 008 | 0 001 | 0 002 | 0 001 | 0 001 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0 018 | 0 007 | 0 | 0 002 | 0 001 | 0 001 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0 019 | 0 007 | 0 | 0 002 | 0 001 | 0 001 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0 019 | 0 006 | 0 | 0 002 | 0 001 | 0 001 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0 019 | 0 005 | 0 | 0 002 | 0 001 | 0 001 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0 018 | | 0 | | 0 002 | 0 | | 0 | | 0E | 31 |
| TOTAL | --- | --- | 0 217 | 0 373 | 0 074 | 0 102 | 0 051 | 0 032 | 0 002 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | 0 007 | 0 012 | 0 002 | 0 003 | 0 002 | 0 001 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0 019 | 0 018 | 0 005 | 0 007 | 0 002 | 0 002 | 0 001 | 0 | --- | --- | MAX |
| MIN | --- | --- | 0 003 | 0 005 | 0 | 0 001 | 0 001 | 0 | 0 | 0 | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY 0 019 ON MAR 28
MINIMUM DAILY 0 ON MAY 27
MAXIMUM INSTANTANEOUS
0 019 ON MAR 28

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 47 N
LONG 93 45 28 W
DRAINAGE AREA - 03 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 4 41 |
| FEB | --- | AUG | 2 76 |
| MAR | 18 7 | SEP | 0 17 |
| APR | 32 2 | OCT | 0 |
| MAY | 6 39 | NOV | --- |
| JUN | 8 81 | DEC | --- |

## LAKE 303 UPLAND WATERSHED NEAR KENORA - STATION NO 05PD024

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0E | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 1 |
| 2 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0A | --- | 2 |
| 3 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 3 |
| 4 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | --- | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | --- | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | --- | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | --- | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | --- | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | --- | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | --- | 0.001 | 0 | 0.008 | 0 | 0.006 | 0 | 0 | --- | --- | 11 |
| 12 | --- | --- | --- | 0.001 | 0 | 0.002 | 0 | 0.004 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | --- | 0.001 | 0 | 0.001 | 0 | 0.002 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | --- | 0 | 0 | 0 | 0 | 0.001 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | --- | 0 | 0 | 0 | 0 | 0.002 | 0 | 0 | --- | --- | 15 |
| 16 | --- | 0A | --- | 0 | 0 | 0 | 0 | 0.007 | 0 | 0 | --- | 0A | 16 |
| 17 | --- | --- | --- | 0 | 0 | 0 | 0 | 0.002 | 0 | 0 | --- | --- | 17 |
| 18 | --- | --- | --- | 0 | 0 | 0 | 0 | 0.001 | 0 | 0 | --- | --- | 18 |
| 19 | --- | --- | --- | 0 | 0 | 0 | 0 | 0.001 | 0 | 0 | --- | --- | 19 |
| 20 | 0A | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 20 |
| 21 | --- | --- | --- | 0 | 0.009 | 0 | 0 | 0 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | --- | 0 | 0.005 | 0 | 0 | 0 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | --- | 0 | 0.002 | 0 | 0 | 0 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0.008A | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | 0A | --- | 24 |
| 25 | --- | --- | 0.004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0.003 | 0 | 0.002 | 0 | 0 | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0.002 | 0 | 0.002 | 0 | 0 | 0 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0.002 | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0 | | 0 | | 0 | 0 | | 0 | | 0E | 31 |
| TOTAL | --- | --- | --- | 0.017 | 0.022 | 0.011 | 0 | 0.030 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | --- | 0.001 | 0.001 | 0 | 0 | 0.001 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | --- | 0.003 | 0.009 | 0.008 | 0 | 0.008 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MIN |

### SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0
MAXIMUM DAILY 0.009 ON MAY 21
MINIMUM DAILY 0 ON APR 1
MAXIMUM INSTANTANEOUS 0.023 ON AUG 11

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 22 N
LONG 93 46 00 W
DRAINAGE AREA 0.07 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0 |
| FEB | --- | AUG | 2.58 |
| MAR | --- | SEP | 0 |
| APR | 1.47 | OCT | 0 |
| MAY | 1.90 | NOV | --- |
| JUN | 0.95 | DEC | --- |

TOTAL DISCHARGE 6.91 dam³

## LAKE 303 NEAR KENORA - STATION NO 05PD020

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 55.748 | 55.695 | 55.726 | 55.655 | 55.614 | 55.595 | 55.551 | --- | --- | 1 |
| 2 | --- | --- | --- | 55.747 | 55.691 | 55.726 | 55.657 | 55.612 | 55.590 | 55.547 | --- | --- | 2 |
| 3 | --- | --- | --- | 55.742 | 55.687 | 55.719 | 55.654 | 55.608 | 55.586 | 55.544 | --- | --- | 3 |
| 4 | --- | --- | --- | 55.736 | 55.683 | 55.716 | 55.650 | 55.602 | 55.584 | 55.542 | --- | --- | 4 |
| 5 | --- | --- | --- | 55.735 | 55.681 | 55.714 | 55.646 | 55.598 | 55.582 | 55.547 | --- | --- | 5 |
| 6 | --- | --- | --- | 55.742 | 55.679 | 55.712 | 55.643 | 55.601 | 55.580 | 55.548 | --- | --- | 6 |
| 7 | --- | --- | --- | 55.751 | 55.676 | 55.711 | 55.640 | 55.600 | 55.578 | 55.543 | --- | --- | 7 |
| 8 | --- | --- | --- | 55.757 | 55.674 | 55.704 | 55.635 | 55.598 | 55.576 | 55.543 | --- | --- | 8 |
| 9 | --- | --- | --- | 55.760 | 55.672 | 55.698 | 55.629 | 55.595 | 55.574 | 55.551 | --- | --- | 9 |
| 10 | --- | --- | --- | 55.759 | 55.669 | 55.690 | 55.625 | 55.590 | 55.573 | 55.547 | --- | --- | 10 |
| 11 | --- | --- | --- | 55.756 | 55.666 | 55.732 | 55.621 | 55.601 | 55.573 | 55.545 | --- | --- | 11 |
| 12 | --- | --- | --- | 55.752 | 55.661 | 55.736 | 55.626 | 55.626 | 55.578 | 55.544 | --- | --- | 12 |
| 13 | --- | --- | --- | 55.748 | 55.664 | 55.733 | 55.625 | 55.624 | 55.577 | 55.544 | --- | --- | 13 |
| 14 | --- | --- | --- | 55.743 | 55.670 | 55.727 | 55.621 | 55.621 | 55.575 | 55.543 | --- | --- | 14 |
| 15 | --- | --- | --- | 55.739 | 55.686 | 55.719 | 55.622 | 55.622 | 55.573 | 55.542 | --- | --- | 15 |
| 16 | --- | --- | --- | 55.737 | 55.687 | 55.713 | 55.625 | 55.635 | 55.571 | 55.542 | --- | --- | 16 |
| 17 | --- | --- | --- | 55.735 | 55.687 | 55.708 | 55.626 | 55.634 | 55.571 | 55.541 | --- | --- | 17 |
| 18 | --- | --- | --- | 55.734 | 55.681 | 55.700 | 55.623 | 55.631 | 55.569 | 55.540 | --- | --- | 18 |
| 19 | --- | --- | --- | 55.733 | 55.657 | 55.695 | 55.628 | 55.629 | 55.570 | 55.539 | --- | --- | 19 |
| 20 | --- | --- | --- | 55.730 | 55.655 | 55.689 | 55.629 | 55.626 | 55.567 | 55.540 | --- | --- | 20 |
| 21 | --- | --- | --- | 55.726 | 55.696 | 55.686 | 55.628 | 55.622 | 55.565 | 55.540 | --- | --- | 21 |
| 22 | --- | --- | --- | 55.723 | 55.725 | 55.687 | 55.630 | 55.617 | 55.562 | 55.540 | --- | --- | 22 |
| 23 | --- | --- | --- | 55.720 | 55.731 | 55.681 | 55.630 | 55.612 | 55.558 | 55.541 | --- | --- | 23 |
| 24 | --- | --- | --- | 55.718 | 55.730 | 55.675 | 55.626 | 55.609 | 55.555 | 55.543 | --- | --- | 24 |
| 25 | --- | --- | --- | 55.715 | 55.729 | 55.670 | 55.622 | 55.607 | 55.552 | 55.542 | --- | --- | 25 |
| 26 | --- | --- | --- | 55.714 | 55.742 | 55.669 | 55.620 | 55.606 | 55.551 | 55.544 | --- | --- | 26 |
| 27 | --- | --- | --- | 55.710 | 55.749 | 55.668 | 55.617 | 55.603 | 55.548 | 55.547 | --- | --- | 27 |
| 28 | --- | --- | --- | 55.706 | 55.749 | 55.684 | 55.612 | 55.600 | 55.550 | 55.547 | --- | --- | 28 |
| 29 | --- | | --- | 55.702 | 55.743 | 55.681 | 55.607 | 55.600 | 55.552 | 55.548A | --- | --- | 29 |
| 30 | --- | | --- | 55.697 | 55.736 | 55.657 | 55.602 | 55.604 | 55.549 | 55.548E | --- | --- | 30 |
| 31 | --- | | 55.760A | | 55.729 | | 55.610 | 55.599 | | 55.548E | | --- | 31 |
| MEAN | --- | --- | --- | 55.734 | 55.694 | 55.700 | 55.629 | 55.611 | 55.570 | 55.544 | --- | --- | MEAN |
| MAX | --- | --- | --- | 55.760 | 55.749 | 55.736 | 55.657 | 55.635 | 55.595 | 55.551 | --- | --- | MAX |
| MIN | --- | --- | --- | 55.697 | 55.655 | 55.657 | 55.602 | 55.590 | 55.548 | 55.539 | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY 55.760 ON APR 9

MAXIMUM INSTANTANEOUS
55.762 AT 14 32 CST ON APR 9

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO 2

TYPE OF GAUGE - RECORDING
LOCATION LAT 49 38 40 N
LONG 93 44 30 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

## LAKE 303 OUTLET NEAR KENORA - STATION NO 05PD019

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.001E | --- | 0 E | 0.009 | 0.001 | 0.005 | 0 | 0 | 0 | 0 | 0 | --- | 1 |
| 2 | --- | --- | 0 E | 0.007 | 0.001 | 0.005 | 0 | 0 | 0 | 0 | 0 | --- | 2 |
| 3 | --- | --- | 0 E | 0.005 | 0.001 | 0.004 | 0 | 0 | 0 | 0 | 0A | --- | 3 |
| 4 | --- | --- | 0 E | 0.004 | 0 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0 A | 0.004 | 0 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | 0 E | 0.008 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | 0 E | 0.011 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | 0 E | 0.013 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | 0 E | 0.013 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | 0 E | 0.012 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | 0 E | 0.011 | 0 | 0.008 | 0 | 0 | 0 | 0 | --- | --- | 11 |
| 12 | --- | --- | 0 E | 0.009 | 0 | 0.006 | 0 | 0 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | 0 E | 0.008 | 0 | 0.005 | 0 | 0 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | 0 E | 0.007 | 0 | 0.004 | 0 | 0 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | 0 E | 0.006 | 0 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | 15 |
| 16 | --- | 0A | 0 E | 0.006 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | 0A | 16 |
| 17 | --- | --- | 0 E | 0.005 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 17 |
| 18 | --- | --- | 0 E | 0.005 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 18 |
| 19 | 0 A | --- | 0 E | 0.005 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 19 |
| 20 | --- | --- | 0 E | 0.004 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 20 |
| 21 | --- | --- | 0 E | 0.003 | 0.002 | 0 | 0 | 0 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0.008E | 0.003 | 0.004 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0.018E | 0.002 | 0.005 | 0 | 0 | 0 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0.027E | 0.002 | 0.005 | 0 | 0 | 0 | 0 | 0 | 0A | --- | 24 |
| 25 | --- | --- | 0.036A | 0.001 | 0.005 | 0 | 0 | 0 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0.030 | 0.002 | 0.005 | 0 | 0 | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0.025 | 0.002 | 0.010 | 0 | 0 | 0 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0.021 | 0.001 | 0.010 | 0 | 0 | 0 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0.017 | 0.001 | 0.005 | 0 | 0 | 0 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0.013 | 0.001 | 0.007 | 0 | 0 | 0 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0.010 | | 0.005 | | 0 | 0 | | 0 | | 0E | 31 |
| TOTAL | --- | --- | 0.207 | 0.175 | 0.073 | 0.059 | 0 | 0 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | 0.007 | 0.006 | 0.002 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0.036 | 0.013 | 0.010 | 0.006 | 0 | 0 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MIN |

### SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.013 ON APR 8
MINIMUM DAILY, 0 ON MAY 4
MAXIMUM INSTANTANEOUS,
0.036 ON MAR 25

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 35 N
LONG 93 44 38 W
DRAINAGE AREA, 0.54 km²

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0 |
| FEB | --- | AUG | 0 |
| MAR | 17.9 | SEP | 0 |
| APR | 15.1 | OCT | 0 |
| MAY | 6.31 | NOV | --- |
| JUN | 5.10 | DEC | --- |

TOTAL DISCHARGE, 26.5 dam³

## LAKE 304 NEAR KENORA - STATION NO 05PD018

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 53.538 | 53.494 | 53.529 | 53.488 | 53.437 | 53.408 | 53.387 | --- | --- | 1 |
| 2 | --- | --- | --- | 53.536 | 53.490 | 53.530 | 53.473 | 53.434 | 53.406 | 53.381 | --- | --- | 2 |
| 3 | --- | --- | --- | 53.541 | 53.487 | 53.525 | 53.470 | 53.432 | 53.402 | 53.388 | --- | --- | 3 |
| 4 | --- | --- | --- | 53.550 | 53.482 | 53.523 | 53.468 | 53.428 | 53.400 | 53.386 | --- | --- | 4 |
| 5 | --- | --- | --- | 53.552 | 53.482 | 53.521 | 53.465 | 53.422 | 53.399 | 53.381 | --- | --- | 5 |
| 6 | --- | --- | --- | 53.546 | 53.480 | 53.521 | 53.482 | 53.427 | 53.398 | 53.380 | --- | --- | 6 |
| 7 | --- | --- | --- | 53.537 | 53.477 | 53.520 | 53.489 | 53.426 | 53.396 | 53.387 | --- | --- | 7 |
| 8 | --- | --- | --- | 53.530 | 53.474 | 53.514 | 53.483 | 53.423 | 53.395 | 53.388 | --- | --- | 8 |
| 9 | --- | --- | --- | 53.528 | 53.470 | 53.511 | 53.448 | 53.420 | 53.392 | 53.384 | --- | --- | 9 |
| 10 | --- | --- | --- | 53.529 | 53.466 | 53.508 | 53.444 | 53.419 | 53.391 | 53.383 | --- | --- | 10 |
| 11 | --- | --- | --- | 53.528 | 53.462 | 53.543 | 53.440 | 53.427 | 53.390 | 53.383 | --- | --- | 11 |
| 12 | --- | --- | --- | 53.531 | 53.457 | 53.543 | 53.445 | 53.449 | 53.391 | 53.383 | --- | --- | 12 |
| 13 | --- | --- | --- | 53.536 | 53.462 | 53.538 | 53.446 | 53.446 | 53.391 | 53.381 | --- | --- | 13 |
| 14 | --- | --- | --- | 53.538 | 53.467 | 53.531 | 53.443 | 53.442 | 53.388 | 53.380 | --- | --- | 14 |
| 15 | --- | --- | --- | 53.540 | 53.466 | 53.524 | 53.443 | 53.442 | 53.386 | 53.389 | --- | --- | 15 |
| 16 | --- | --- | --- | 53.537 | 53.467 | 53.519 | 53.443 | 53.453 | 53.384 | 53.388 | --- | --- | 16 |
| 17 | --- | --- | --- | 53.535 | 53.468 | 53.514 | 53.444 | 53.452 | 53.380 | 53.388 | --- | --- | 17 |
| 18 | --- | --- | --- | 53.532 | 53.485 | 53.508 | 53.444 | 53.450 | 53.380 | 53.387 | --- | --- | 18 |
| 19 | --- | --- | --- | 53.531 | 53.483 | 53.503 | 53.444 | 53.447 | 53.381 | 53.386 | --- | --- | 19 |
| 20 | --- | --- | --- | 53.528 | 53.482 | 53.497 | 53.445 | 53.443 | 53.379 | 53.386 | --- | --- | 20 |
| 21 | --- | --- | --- | 53.526 | 53.503 | 53.495 | 53.445 | 53.440 | 53.378 | 53.385 | --- | --- | 21 |
| 22 | --- | --- | --- | 53.523 | 53.531 | 53.486 | 53.446 | 53.433 | 53.377 | 53.385 | --- | --- | 22 |
| 23 | --- | --- | --- | 53.519 | 53.533 | 53.482 | 53.449 | 53.429 | 53.373 | 53.386 | --- | --- | 23 |
| 24 | --- | --- | --- | 53.517 | 53.533 | 53.487 | 53.446 | 53.426 | 53.370 | 53.386 | --- | --- | 24 |
| 25 | --- | --- | --- | 53.514 | 53.532 | 53.482 | 53.442 | 53.423 | 53.367 | 53.383 | --- | --- | 25 |
| 26 | --- | --- | --- | 53.512 | 53.544 | 53.480 | 53.440 | 53.421 | 53.384 | 53.384 | --- | --- | 26 |
| 27 | --- | --- | --- | 53.506 | 53.549 | 53.479 | 53.437 | 53.418 | 53.382 | 53.383 | --- | --- | 27 |
| 28 | --- | --- | --- | 53.505 | 53.550 | 53.476 | 53.433 | 53.416 | 53.384 | 53.382 | --- | --- | 28 |
| 29 | --- | | --- | 53.500 | 53.543 | 53.472 | 53.428 | 53.416 | 53.389 | 53.382A | --- | --- | 29 |
| 30 | --- | | --- | 53.496 | 53.536 | 53.468 | 53.423 | 53.419 | 53.388 | 53.382E | --- | --- | 30 |
| 31 | --- | | 53.538A | | 53.531 | | 53.433 | 53.414 | | 53.382E | | --- | 31 |
| MEAN | --- | --- | --- | 53.528 | 53.494 | 53.508 | 53.447 | 53.431 | 53.384 | 53.384 | --- | --- | MEAN |
| MAX | --- | --- | --- | 53.552 | 53.550 | 53.543 | 53.472 | 53.453 | 53.408 | 53.387 | --- | --- | MAX |
| MIN | --- | --- | --- | 53.496 | 53.457 | 53.468 | 53.423 | 53.414 | 53.382 | 53.383 | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 53.552 ON APR 5

MAXIMUM INSTANTANEOUS,
53.552 AT 12 32 CST ON APR 5

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 27 N
LONG 93 44 53 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
0.25 km²

## LAKE 382 OUTLET NEAR KENORA - STATION NO 05QD025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0E | --- | 0 E | 0.030 | 0.013 | 0.044 | 0.002 | 0 | 0 | 0 | --- | --- | 1 |
| 2 | --- | --- | 0 E | 0.029 | 0.013 | 0.044 | 0.003 | 0 | 0 | 0 | --- | --- | 2 |
| 3 | --- | --- | 0 E | 0.028 | 0.013 | 0.039 | 0.002 | 0 | 0 | 0 | --- | --- | 3 |
| 4 | --- | --- | 0 E | 0.027 | 0.027 | 0.036 | 0.001 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0 A | 0.027 | 0.038 | 0.032 | 0.001 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | 0 E | 0.027 | 0.033 | 0.030 | 0.001 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | 0 E | 0.029 | 0.029 | 0.027 | 0 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | 0 E | 0.006 | 0.028 | 0.023 | 0 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | 0 E | 0.006 | 0.025 | 0.019 | 0 | 0 | 0 | 0 | --- | 0A | 9 |
| 10 | --- | --- | 0 E | 0.006 | 0.024 | 0.018 | 0 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | 0 E | 0.006 | 0.022 | 0.027 | 0 | 0 | 0 | 0 | --- | --- | 11 |
| 12 | --- | --- | 0 E | 0.006 | 0.013 | 0.027 | 0 | 0.001 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | 0 E | 0.006 | 0.013 | 0.026 | 0 | 0.001 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | 0 E | 0.008 | 0.013 | 0.024 | 0 | 0.001 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | 0 E | 0.006 | 0.013 | 0.022 | 0 | 0.001 | 0 | 0 | --- | --- | 15 |
| 16 | --- | --- | 0 E | 0.006 | 0.017 | 0.020 | 0 | 0.005 | 0 | 0 | --- | --- | 16 |
| 17 | --- | 0A | 0 E | 0.006 | 0.018 | 0.018 | 0 | 0.004 | 0 | 0 | --- | --- | 17 |
| 18 | --- | --- | 0 E | 0.006 | 0.017 | 0.018 | 0 | 0.003 | 0 | 0 | --- | --- | 18 |
| 19 | --- | --- | 0 E | 0.006 | 0.015 | 0.014 | 0 | 0.002 | 0 | 0 | --- | --- | 19 |
| 20 | 0A | --- | 0 E | 0.006 | 0.014 | 0.007 | 0 | 0.001 | 0 | 0 | --- | --- | 20 |
| 21 | --- | --- | 0 E | 0.006 | 0.027 | 0.006 | 0 | 0 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0 .006E | 0.006 | 0.013 | 0.006 | 0 | 0 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0 .006E | 0.006 | 0.013 | 0.010 | 0 | 0 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0 .014A | 0.006 | 0.013 | 0.006 | 0 | 0 | 0 | 0 | --- | --- | 24 |
| 25 | --- | --- | 0 .018 | 0.006 | 0.029 | 0.007 | 0 | 0 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0.023 | 0.006 | 0.043 | 0.006 | 0 | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0.027 | 0.008 | 0.048 | 0.006 | 0 | 0 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0.028 | 0.037 | 0.048 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0.030 | 0.078 | 0.043 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0.031 | 0.070 | 0.040 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0.030 | | 0.039 | | 0 | 0 | | 0 | | 0E | 31 |
| TOTAL | --- | --- | 0.217 | 0.503 | 0.749 | 0.585 | 0.010 | 0.019 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | 0.007 | 0.017 | 0.024 | 0.019 | 0 | 0.001 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0.031 | 0.078 | 0.048 | 0.044 | 0.003 | 0.005 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | 0 | 0.006 | 0.013 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | MIN |

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.005
MAXIMUM DAILY, 0.078 ON APR 28
MINIMUM DAILY 0 ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 30 N
LONG 93 40 47 W
DRAINAGE AREA, 3.03 km²
A - MANUAL GAUGE

E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0.88 |
| FEB | --- | AUG | 1.64 |
| MAR | 16.7 | SEP | 0 |
| APR | 43.5 | OCT | 0 |
| MAY | 64.7 | NOV | --- |
| JUN | 48.8 | DEC | --- |

TOTAL DISCHARGE, 180 dam³

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

## LAKE 470 OUTLET NEAR KENORA - STATION NO 05PD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.001 | 0 | 0 | 0.057 | 0.004 | 0.018 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | 0.001 | 0 | 0 | 0.045 | 0.004 | 0.016 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3 | 0.001 | 0 | 0 | 0.037 | 0.003 | 0.013 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 4 | 0.001 | 0 | 0 | 0.031 | 0.003 | 0.012 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 5 | 0.001 | 0 | 0 | 0.029 | 0.002 | 0.011 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6 | 0.001 | 0 | 0 | 0.031 | 0.002 | 0.010 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0.001 | 0 | 0.001 | 0.037 | 0.001 | 0.009 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0.001 | 0 | 0.002 | 0.042 | 0.001 | 0.008 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 9 | 0.001 | 0 | 0.003 | 0.045 | 0.001 | 0.007 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10 | 0.001 | 0 | 0.002 | 0.046 | 0 | 0.006 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0.001 | 0 | 0.001 | 0.044 | 0 | 0.013 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 12 | 0.001 | 0 | 0 | 0.042 | 0 | 0.012 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 13 | 0.001 | 0 | 0 | 0.038 | 0 | 0.013 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 0.001 | 0 | 0 | 0.034 | 0.001 | 0.013 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 15 | 0 | 0 | 0 | 0.030 | 0.001 | 0.012 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 0.028 | 0.001 | 0.011 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 17 | 0 | 0 | 0 | 0.025 | 0.001 | 0.011 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 18 | 0 | 0 | 0 | 0.022 | 0 | 0.010 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 19 | 0 | 0 | 0.001 | 0.020 | 0 | 0.011 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 20 | 0 | 0 | 0.006 | 0.019 | 0 | 0.008 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 21 | 0 | 0 | 0.022 | 0.018 | 0.006 | 0.006 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 22 | 0 | 0 | 0.028 | 0.015 | 0.015 | 0.006 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 23 | 0 | 0 | 0.035 | 0.013 | 0.019 | 0.004 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 24 | 0 | 0 | 0.053 | 0.012 | 0.021 | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0.072 | 0.010 | 0.020 | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0.092 | 0.009 | 0.024 | 0.002 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 0.099 | 0.008 | 0.027 | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 28 | 0 | 0 | 0.096 | 0.007 | 0.030 | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| 29 | 0 | | 0.085 | 0.006 | 0.031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 30 | 0 | | 0.074 | 0.005 | 0.027 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 31 | 0 | | 0.087 | | 0.022 | | 0 | 0 | | 0 | | 0 | 31 |
| TOTAL | 0.014 | 0 | 0.739 | 0.803 | 0.289 | 0.250 | 0 | 0 | 0 | 0 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0.024 | 0.027 | 0.009 | 0.008 | 0 | 0 | 0 | 0 | 0 | 0 | MEAN |
| MAX | 0.001 | 0 | 0.099 | 0.057 | 0.031 | 0.018 | 0 | 0 | 0 | 0 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0.005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.006
MAXIMUM DAILY, 0.099 ON MAR 27
MINIMUM DAILY, 0 ON JAN 15
MAXIMUM INSTANTANEOUS,
0.100 ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION LAT 49 39 23 N
LONG 93 43 57 W
DRAINAGE AREA, 1.68 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1.21 | JUL | 0 |
| FEB | 0 | AUG | 0 |
| MAR | 63.8 | SEP | 0 |
| APR | 69.4 | OCT | 0 |
| MAY | 23.2 | NOV | 0 |
| JUN | 21.6 | DEC | 0 |

TOTAL DISCHARGE, 179 dam³

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

## LAKE 851 OUTLET NEAR KENORA - STATION NO 05PD028

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.002E | --- | 0 E | 0.015 | 0.003 | 0.011 | 0 | 0 | 0 | 0 | --- | --- | 1 |
| 2 | --- | --- | 0 E | 0.016 | 0.003 | 0.010 | 0 | 0 | 0 | 0 | --- | --- | 2 |
| 3 | --- | --- | 0 E | 0.014 | 0.002 | 0.008 | 0 | 0 | 0 | 0 | --- | --- | 3 |
| 4 | --- | --- | 0 E | 0.013 | 0.002 | 0.006 | 0 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0 A | 0.015 | 0.002 | 0.007 | 0 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | 0 E | 0.024 | 0.001 | 0.005 | 0 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | 0 E | 0.036 | 0.001 | 0.004 | 0 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | 0 E | 0.040 | 0.001 | 0.005 | 0E | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | 0 E | 0.039 | 0.001 | 0.004 | 0E | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | 0 E | 0.036 | 0.001 | 0.003 | 0E | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | 0 E | 0.030 | 0.001 | 0.011 | 0E | 0 | 0 | 0 | --- | --- | 11 |
| 12 | --- | --- | 0 E | 0.025 | 0 | 0.018 | 0E | 0 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | 0 E | 0.022 | 0.001 | 0.014 | 0A | 0 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | 0 E | 0.019 | 0.001 | 0.010 | 0E | 0 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | 0 E | 0.017 | 0.001 | 0.007 | 0E | 0 | 0 | 0 | --- | --- | 15 |
| 16 | --- | 0A | 0 E | 0.015 | 0.001 | 0.006 | 0E | 0 | 0 | 0 | --- | 0A | 16 |
| 17 | --- | --- | 0 E | 0.014 | 0.001 | 0.005 | 0E | 0 | 0 | 0 | --- | --- | 17 |
| 18 | --- | --- | 0 E | 0.013 | 0.001 | 0.004 | 0E | 0 | 0 | 0 | --- | --- | 18 |
| 19 | --- | --- | 0 E | 0.012 | 0.001 | 0.003 | 0E | 0 | 0 | 0 | --- | --- | 19 |
| 20 | 0.002A | --- | 0.013E | 0.012 | 0.001 | 0.002 | 0E | 0 | 0 | 0 | --- | --- | 20 |
| 21 | --- | --- | 0.025E | 0.011 | 0.005 | 0.002 | 0A | 0 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0.038E | 0.010 | 0.018 | 0.002 | 0E | 0 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0.050E | 0.009 | 0.015 | 0.001 | 0E | 0 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0.063E | 0.008 | 0.016 | 0.001 | 0E | 0 | 0 | 0 | 0A | --- | 24 |
| 25 | --- | --- | 0.078A | 0.007 | 0.014 | 0.001 | 0E | 0 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0.078 | 0.006 | 0.017 | 0.001 | 0E | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0.084 | 0.005 | 0.023 | 0.001 | 0E | 0 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0.082 | 0.005 | 0.023 | 0.001 | 0E | 0 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0.041 | 0.004 | 0.018 | 0 | 0E | 0 | 0 | 0A | --- | --- | 29 |
| 30 | --- | | 0.032 | 0.003 | 0.015 | 0 | 0E | 0 | 0 | 0E | --- | --- | 30 |
| 31 | --- | | 0.024 | | 0.012 | | 0A | 0 | | 0E | | 0E | 31 |
| TOTAL | --- | --- | 0.556 | 0.488 | 0.307 | 0.169 | 0 | 0 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | 0.018 | 0.017 | 0.007 | 0.005 | 0 | 0 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0.078 | 0.040 | 0.023 | 0.018 | 0 | 0 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | 0 | 0.003 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MIN |

### SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.004
MAXIMUM DAILY 0.040 ON APR 8
MINIMUM DAILY 0 ON MAY 12
MAXIMUM INSTANTANEOUS
0.088 ON MAR 25

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 30 N
LONG 93 44 23 W
DRAINAGE AREA 1 25 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0 |
| FEB | --- | AUG | 0 |
| MAR | 48 0 | SEP | 0 |
| APR | 43 0 | OCT | 0 |
| MAY | 17 8 | NOV | --- |
| JUN | 13 7 | DEC | --- |

TOTAL DISCHARGE 74 5 dam³

## LAKE COUCHICHING OUTFLOW AT WASHAGO - STATION NO 02EC017

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 49 2 | 30 8 | 19 1 | 10 4 | 15 0 | 16 1 | 16 5 | 36 3 | 16 2 | 17 3 | 16 5 | 44 2 | 1 |
| 2 | 48 9 | 30 9 | 19 5 | 10 4 | 15 0 | 16 3 | 16 5 | 36 5 | 15 4 | 17 9 | 16 6 | 43 9 | 2 |
| 3 | 48 9 | 30 7 | 19 6 | 11 1 | 14 9 | 16 4 | 16 2 | 36 6 | 14 6 | 18 4 | 17 5 | 45 8 | 3 |
| 4 | 48 9 | 30 7 | 25 4 | 19 5 | 14 8 | 15 5 | 16 8 | 36 7 | 14 3 | 19 0 | 18 2 | 44 0 | 4 |
| 5 | 48 9 | 30 7 | 32 4 | 30 2 | 14 9 | 15 5 | 16 7 | 35 1 | 14 6 | 19 6 | 17 9 | 43 8 | 5 |
| 6 | 39 0 | 30 7 | 34 8 | 13 8 | 14 8 | 15 9 | 16 7 | 35 2 | 15 0 | 19 8 | 17 5 | 43 6 | 6 |
| 7 | 30 3 | 30 7 | 34 8 | 12 6 | 13 6 | 16 3 | 25 4 | 35 3 | 15 3 | 19 0 | 17 6 | 43 5 | 7 |
| 8 | 29 8 | 30 7 | 34 9 | 12 8 | 14 8 | 17 1 | 30 3 | 35 4 | 15 6 | 17 2 | 17 8 | 44 0 | 8 |
| 9 | 29 8 | 30 7 | 35 0 | 13 5 | 15 1 | 16 0 | 30 3 | 35 5 | 15 8 | 20 8 | 28 1 | 44 0 | 9 |
| 10 | 29 8 | 30 8 | 35 8 | 21 3 | 15 4 | 16 2 | 30 4 | 35 5 | 14 4 | 19 6 | 39 3 | 44 9 | 10 |
| 11 | 29 8 | 30 6 | 38 3 | 36 0 | 15 6 | 16 1 | 30 4 | 34 5 | 14 4 | 18 8 | 48 5 | 44 8 | 11 |
| 12 | 29 8 | 30 6 | 45 1 | 42 8 | 14 1 | 16 5 | 30 5 | 34 5 | 14 4 | 17 8 | 48 4 | 44 7 | 12 |
| 13 | 29 7 | 30 6 | 48 1 | 26 9 | 14 5 | 16 2 | 30 6 | 34 6 | 14 3 | 18 7 | 48 0 | 44 8 | 13 |
| 14 | 29 6 | 30 6 | 48 3 | 15 8 | 15 7 | 15 9 | 30 6 | 34 6 | 14 3 | 18 1 | 48 7 | 43 7 | 14 |
| 15 | 29 5 | 30 5 | 48 3 | 18 0 | 12 9 | 15 6 | 30 5 | 34 7 | 18 4 | 18 0 | 48 2 | 48 7 | 15 |
| 16 | 29 8 | 30 5 | 48 4 | 18 4 | 13 3 | 15 7 | 30 5 | 34 9 | 20 5 | 15 8 | 44 7 | 48 1 | 16 |
| 17 | 29 8 | 33 3 | 48 4 | 16 2 | 13 7 | 15 2 | 30 7 | 35 1 | 20 4 | 16 0 | 45 8 | 48 6 | 17 |
| 18 | 29 8 | 18 0 | 48 4 | 16 0 | 14 1 | 15 6 | 31 6 | 35 0 | 19 1 | 16 2 | 45 8 | 45 8 | 18 |
| 19 | 29 8 | 18 4 | 48 3 | 15 7 | 14 5 | 15 6 | 32 5 | 33 7 | 19 5 | 15 4 | 48 0 | 48 4 | 19 |
| 20 | 29 8 | 18 4 | 47 8 | 15 4 | 15 5 | 15 6 | 33 5 | 31 4 | 19 7 | 15 3 | 48 7 | 47 2 | 20 |
| 21 | 29 8 | 18 4 | 45 5 | 15 2 | 15 5 | 15 5 | 33 3 | 31 3 | 20 1 | 14 8 | 45 3 | 48 0 | 21 |
| 22 | 29 8 | 18 4 | 41 8 | 14 8 | 15 8 | 15 5 | 33 2 | 30 2 | 20 2 | 15 6 | 44 9 | 48 0 | 22 |
| 23 | 29 8 | 18 4 | 32 4 | 15 9 | 15 5 | 16 7 | 39 4 | 29 2 | 20 4 | 16 7 | 44 5 | 48 0 | 23 |
| 24 | 29 8 | 18 4 | 17 0 | 13 9 | 15 1 | 16 8 | 48 0 | 28 1 | 19 7 | 16 8 | 44 5 | 47 8 | 24 |
| 25 | 29 7 | 18 4 | 7 11 | 14 6 | 14 8 | 16 5 | 45 2 | 28 9 | 19 1 | 16 8 | 41 9 | 47 8 | 25 |
| 26 | 29 7 | 18 4 | 7 66 | 15 2 | 14 8 | 16 7 | 44 6 | 28 9 | 19 3 | 16 9 | 42 5 | 47 8 | 26 |
| 27 | 30 8 | 18 2 | 8 03 | 15 9 | 15 6 | 16 7 | 43 5 | 24 1 | 19 5 | 17 4 | 44 3 | 47 8 | 27 |
| 28 | 30 9 | 18 6 | 8 21 | 15 9 | 15 6 | 16 7 | 41 4 | 18 2 | 19 7 | 17 4 | 44 6 | 50 8 | 28 |
| 29 | 30 8 | | 8 38 | 15 1 | 15 6 | 16 8 | 39 6 | 18 0 | 20 0 | 16 1 | 44 9 | 54 0 | 29 |
| 30 | 30 7 | | 8 56 | 13 9 | 15 6 | 16 6 | 40 0 | 18 2 | 20 0 | 16 1 | 45 2 | 54 0 | 30 |
| 31 | 30 7 | | 8 89 | | 15 9 | | 38 3 | 18 4 | | 15 3 | | 54 7 | 31 |
| TOTAL | 1 033 9 | 715 9 | 954 44 | 512 9 | 462 2 | 483 8 | 982 5 | 976 6 | 524 0 | 535 8 | 1 102 2 | 1 444 1 | TOTAL |
| MEAN | 33 4 | 25 6 | 30 8 | 17 1 | 14 9 | 16 1 | 31 7 | 31 5 | 17 5 | 17 3 | 36 7 | 46 6 | MEAN |
| MAX | 49 2 | 30 9 | 48 4 | 42 8 | 15 9 | 17 1 | 48 0 | 36 7 | 20 5 | 20 8 | 48 0 | 54 7 | MAX |
| MIN | 29 7 | 18 0 | 7 11 | 10 4 | 12 9 | 15 2 | 18 5 | 18 0 | 14 3 | 14 8 | 18 5 | 43 5 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 26 7
MAXIMUM DAILY 54 7 ON DEC 31
MINIMUM DAILY 7 11 ON MAR 25

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA 3 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 88 300 | JUL | 84 900 |
| FEB | 61 800 | AUG | 84 400 |
| MAR | 82 500 | SEP | 45 300 |
| APR | 44 300 | OCT | 46 300 |
| MAY | 39 900 | NOV | 95 200 |
| JUN | 41 800 | DEC | 125 000 |

TOTAL DISCHARGE 841 000 dam³

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC004 AND 02EC016

## LAKE ERIE AT BAR POINT - STATION NO. 02GH009

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 174.75 | 174.85 | 174.58 | 174.57 | 174.64 | --- | --- | 174.61 | 174.41 | 174.34 | 174.30 | 174.18 | 1 |
| 2 | 174.74 | 174.81 | 174.58 | 174.58 | 174.65 | --- | --- | 174.63 | 174.48 | 174.31 | 174.30 | 174.00 | 2 |
| 3 | 174.84 | 174.87 | 174.60 | 174.61 | 174.70 | --- | --- | 174.65 | 174.53 | 174.33 | 174.24 | 174.22 | 3 |
| 4 | 174.73 | 174.85 | 174.58 | 174.62 | 174.69 | --- | --- | 174.67 | 174.51 | 174.25 | 174.20 | 174.14 | 4 |
| 5 | 174.74 | 174.81 | 174.65 | 174.67 | 174.63 | --- | --- | 174.60 | 174.48 | 174.29 | 173.88 | 174.09 | 5 |
| 6 | 174.73 | 174.80 | 174.59 | 174.63 | 174.62 | --- | --- | 174.58 | 174.47 | 174.22 | 174.04 | 174.18 | 6 |
| 7 | 174.80 | 174.82 | 174.67 | 174.64 | 174.62 | --- | --- | 174.56 | 174.48 | 174.18 | 174.13 | 174.28 | 7 |
| 8 | 174.80 | 174.28 | 174.58 | 174.65 | 174.64 | --- | --- | 174.60 | 174.44 | 174.24 | 174.17 | 174.27 | 8 |
| 9 | 174.70 | 174.67 | 174.67 | 174.68 | 174.60 | --- | 174.62 | 174.55 | 174.40 | 174.25 | 174.19 | 174.08 | 9 |
| 10 | 174.72 | 174.58 | 174.73 | 174.69 | 174.60 | --- | 174.61 | 174.54 | 174.51 | 174.31 | 174.27 | 174.17 | 10 |
| 11 | 174.69 | 174.68 | 174.68 | 174.68 | 174.61 | --- | 174.62 | 174.67 | 174.46 | 174.31 | 174.20 | 174.20 | 11 |
| 12 | 174.64 | 174.80 | 174.65 | 174.67 | 174.59 | --- | 174.62 | 174.61 | 174.48 | 174.26 | 174.07 | 173.90 | 12 |
| 13 | 174.67 | 174.65 | 174.80 | 174.70 | 174.67 | --- | 174.67 | 174.58 | 174.42 | 174.32 | 174.11 | 174.03 | 13 |
| 14 | 174.86 | 174.75 | 174.65 | 174.74 | 174.65 | --- | 174.58 | 174.55 | 174.48 | 174.29 | 174.20 | 174.19 | 14 |
| 15 | 174.83 | 174.70 | 174.73 | 174.73 | 174.61 | --- | 174.67 | 174.54 | 174.47 | 174.28 | 174.25 | 174.12 | 15 |
| 16 | 174.69 | 174.75 | 174.65 | 174.77 | 174.64 | --- | 174.67 | 174.51 | 174.46 | 174.31 | 174.25 | 173.87 | 16 |
| 17 | 174.78 | 174.78 | 174.64 | 174.73 | 174.63 | --- | 174.63 | 174.43 | 174.47 | 174.16 | 174.24 | 174.13 | 17 |
| 18 | 174.88 | 174.83 | 174.61 | 174.88 | 174.64 | --- | 174.60 | 174.48 | 174.47 | 174.24 | 173.92 | 174.22 | 18 |
| 19 | 174.83 | 174.81 | 174.58 | 174.70 | 174.74 | --- | 174.60 | 174.42 | 174.48 | 174.25 | 173.88 | 174.15 | 19 |
| 20 | 174.81 | 174.80 | 174.53 | 174.69 | --- | --- | 174.62 | 174.51 | 174.46 | 174.22 | 174.01 | 174.09 | 20 |
| 21 | 174.67 | 174.80 | 174.55 | 174.67 | --- | --- | 174.58 | 174.46 | 174.41 | 174.07 | 174.02 | 174.03 | 21 |
| 22 | 174.71 | 174.59 | 174.53 | 174.62 | --- | --- | 174.59 | 174.40 | 174.42 | 174.25 | 174.18 | 174.22 | 22 |
| 23 | 174.34 | 174.55 | 174.57 | 174.63 | --- | --- | 174.58 | 174.42 | 174.32 | 174.18 | 174.13 | 174.17 | 23 |
| 24 | 174.53 | 174.67 | 174.80 | 174.64 | --- | --- | 174.67 | 174.46 | 174.40 | 174.14 | 174.08 | 174.27 | 24 |
| 25 | 174.71 | 174.58 | 174.65 | 174.72 | --- | --- | 174.66 | 174.42 | 174.40 | 174.23 | 174.28 | 174.22 | 25 |
| 26 | 174.71 | 174.59 | 174.45 | 174.70 | --- | --- | 174.52 | 174.56 | 174.38 | 174.29 | 174.28 | 174.23 | 26 |
| 27 | 174.67 | 174.66 | 174.54 | 174.63 | --- | --- | 174.60 | 174.52 | 174.40 | 174.18 | 174.40 | 174.22 | 27 |
| 28 | 174.83 | 174.65 | 174.63 | 174.62 | --- | --- | 174.66 | 174.58 | 174.40 | 174.17 | 174.32 | 174.45 | 28 |
| 29 | 174.76 | | 174.67 | 174.58 | --- | --- | 174.58 | 174.49 | 174.33 | 174.23 | 174.20 | 174.30 | 29 |
| 30 | 174.55 | | 174.48 | 174.66 | --- | --- | 174.52 | 174.50 | 174.23 | 174.18 | 174.01 | 174.30 | 30 |
| 31 | 174.59 | | 174.40 | | --- | | 174.63 | 174.38 | | 174.30 | | 174.06 | 31 |
| MEAN | 174.65 | 174.61 | 174.57 | 174.64 | --- | --- | --- | 174.52 | 174.43 | 174.24 | 174.15 | 174.15 | MEAN |
| MAX | 174.83 | 174.78 | 174.73 | 174.82 | --- | --- | --- | 174.67 | 174.53 | 174.34 | 174.40 | 174.45 | MAX |
| MIN | 174.34 | 174.28 | 174.28 | 174.28 | --- | --- | --- | 174.38 | 174.23 | 174.07 | 173.92 | 173.87 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY. 174.83 ON JAN 19
MINIMUM DAILY. 173.87 ON DEC 15
MAXIMUM INSTANTANEOUS
175.28 AT 15:15 EST ON JAN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 03 00 N
LONG 83 08 40 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12005 BAR POINT

## LAKE ERIE AT ERIEAU - STATION NO. 02GF002

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 174.74 | 174.85 | 174.58 | 174.61 | 174.65 | 174.60 | 174.62 | 174.55 | 174.43 | 174.35 | 174.27 | 174.18 | 1 |
| 2 | 174.73 | 174.82 | 174.60 | 174.54 | 174.65 | 174.61 | 174.63 | 174.55 | 174.45 | 174.31 | 174.26 | 174.12 | 2 |
| 3 | 174.69 | 174.81 | 174.55 | 174.59 | 174.65 | 174.61 | 174.62 | 174.56 | 174.45 | 174.32 | 174.24 | 174.19 | 3 |
| 4 | 174.72 | 174.80 | 174.58 | 174.58 | 174.65 | 174.60 | 174.61 | 174.55 | 174.45 | 174.30 | 174.22 | 174.17 | 4 |
| 5 | 174.72 | 174.80 | 174.59 | 174.63 | 174.64 | 174.60 | 174.63 | 174.56 | 174.45 | 174.31 | 174.15 | 174.14 | 5 |
| 6 | 174.72 | 174.80 | 174.58 | 174.64 | 174.64 | 174.60 | 174.63 | 174.58 | 174.43 | 174.29 | 174.13 | 174.18 | 6 |
| 7 | 174.66 | 174.82 | 174.57 | 174.64 | 174.64 | 174.60 | 174.62 | 174.55 | 174.44 | 174.28 | 174.18 | 174.21 | 7 |
| 8 | 174.67 | 174.84 | 174.58 | 174.65 | 174.64 | 174.59 | 174.62 | 174.54 | 174.43 | 174.27 | 174.18 | 174.21 | 8 |
| 9 | 174.71 | 174.80 | 174.58 | 174.67 | 174.62 | 174.57 | 174.61 | 174.55 | 174.43 | 174.28 | 174.20 | 174.17 | 9 |
| 10 | 174.72 | 174.81 | 174.81 | 174.67 | 174.63 | 174.58 | 174.62 | 174.53 | 174.45 | 174.28 | 174.22 | 174.17 | 10 |
| 11 | 174.63 | 174.84 | 174.62 | 174.68 | 174.62 | 174.59 | 174.61 | 174.56 | 174.45 | 174.29 | 174.19 | 174.21 | 11 |
| 12 | 174.64 | 174.82 | 174.58 | 174.68 | 174.61 | 174.58 | 174.61 | 174.55 | 174.44 | 174.29 | 174.18 | 174.10 | 12 |
| 13 | 174.68 | 174.82 | 174.58 | 174.68 | 174.63 | 174.59 | 174.60 | 174.53 | 174.43 | 174.29 | 174.18 | 174.13 | 13 |
| 14 | 174.68 | 174.84 | 174.60 | 174.70 | 174.63 | 174.59 | 174.59 | 174.53 | 174.43 | 174.28 | 174.18 | 174.19 | 14 |
| 15 | 174.67 | 174.82 | 174.60 | 174.70 | 174.61 | 174.59 | 174.61 | 174.52 | 174.43 | 174.27 | 174.21 | 174.22 | 15 |
| 16 | 174.68 | 174.85 | 174.57 | 174.70 | 174.63 | 174.58 | 174.63 | 174.50 | 174.43 | 174.28 | 174.21 | 174.08 | 16 |
| 17 | 174.72 | 174.87 | 174.58 | 174.69 | 174.62 | 174.59 | 174.61 | 174.48 | 174.44 | 174.24 | 174.22 | 174.17 | 17 |
| 18 | 174.69 | 174.81 | 174.56 | 174.68 | 174.64 | 174.57 | 174.60 | 174.46 | 174.47 | 174.25 | 174.08 | 174.22 | 18 |
| 19 | 174.73 | 174.89 | 174.54 | 174.68 | 174.65 | 174.57 | 174.59 | 174.45 | 174.48 | 174.25 | 174.08 | 174.19 | 19 |
| 20 | 174.69 | 174.88 | 174.53 | 174.68 | 174.65 | 174.58 | 174.58 | 174.46 | 174.48 | 174.25 | 174.09 | 174.18 | 20 |
| 21 | 174.66 | 174.88 | 174.53 | 174.67 | 174.64 | 174.61 | 174.57 | 174.46 | 174.43 | 174.25 | 174.10 | 174.14 | 21 |
| 22 | 174.69 | 174.87 | 174.54 | 174.69 | 174.63 | 174.62 | 174.57 | 174.43 | 174.43 | 174.28 | 174.18 | 174.21 | 22 |
| 23 | 174.65 | 174.86 | 174.54 | 174.67 | 174.62 | 174.62 | 174.57 | 174.42 | 174.38 | 174.22 | 174.18 | 174.30 | 23 |
| 24 | 174.58 | 174.86 | 174.55 | 174.68 | 174.61 | 174.62 | 174.57 | 174.41 | 174.40 | 174.21 | 174.11 | 174.25 | 24 |
| 25 | 174.67 | 174.85 | 174.54 | 174.67 | 174.62 | 174.62 | 174.58 | 174.42 | 174.40 | 174.21 | 174.20 | 174.23 | 25 |
| 26 | 174.67 | 174.86 | 174.53 | 174.67 | 174.62 | 174.61 | 174.58 | 174.48 | 174.37 | 174.28 | 174.20 | 174.23 | 26 |
| 27 | 174.65 | 174.88 | 174.54 | 174.65 | 174.62 | 174.59 | 174.58 | 174.48 | 174.38 | 174.24 | 174.28 | 174.22 | 27 |
| 28 | 174.64 | 174.87 | 174.54 | 174.65 | 174.61 | 174.58 | 174.58 | 174.50 | 174.38 | 174.23 | 174.22 | 174.31 | 28 |
| 29 | 174.68 | | 174.55 | 174.64 | 174.61 | 174.58 | 174.55 | 174.47 | --- | 174.23 | 174.20 | 174.22 | 29 |
| 30 | 174.62 | | 174.53 | 174.63 | 174.60 | 174.60 | 174.54 | 174.47 | --- | 174.23 | 174.14 | 174.27 | 30 |
| 31 | 174.61 | | 174.53 | | 174.60 | | 174.57 | 174.45 | | 174.25 | | 174.20 | 31 |
| MEAN | 174.67 | 174.80 | 174.56 | 174.66 | 174.63 | 174.60 | 174.59 | 174.50 | --- | 174.27 | 174.18 | 174.18 | MEAN |
| MAX | 174.74 | 174.87 | 174.82 | 174.70 | 174.65 | 174.62 | 174.63 | 174.56 | --- | 174.35 | 174.27 | 174.31 | MAX |
| MIN | 174.58 | 174.54 | 174.50 | 174.54 | 174.60 | 174.57 | 174.54 | 174.41 | --- | 174.21 | 174.09 | 174.06 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY. 174.74 ON JAN 1
MINIMUM DAILY. 174.06 ON DEC 16
MAXIMUM INSTANTANEOUS
174.86 AT 13:59 EST ON JAN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 15 37 N
LONG 81 54 52 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12250 ERIEAU

## LAKE ERIE AT KINGSVILLE - STATION NO 02GH010

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 174.73 | 174.62 | 174.55 | 174.60 | 174.63 | 174.59 | 174.65 | 174.57 | 174.41 | 174.32 | 174.27 | 174.15 | 1 |
| 2 | 174.73 | 174.57 | 174.38 | 174.39 | 174.65 | 174.61 | 174.67 | 174.54 | 174.47 | 174.15 | 174.26 | 174.02 | 2 |
| 3 | 174.67 | 174.54 | 174.51 | 174.57 | 174.69 | 174.62 | 174.61 | 174.57 | 174.50 | 174.33 | 174.22 | 174.19 | 3 |
| 4 | 174.73 | 174.57 | 174.55 | 174.55 | 174.68 | 174.58 | 174.62 | 174.55 | 174.48 | 174.26 | 174.18 | 174.15 | 4 |
| 5 | 174.73 | 174.57 | 174.61 | 174.60 | 174.63 | 174.60 | 174.68 | 174.58 | 174.46 | 174.28 | 174.03 | 174.09 | 5 |
| 6 | 174.71 | 174.58 | 174.57 | 174.62 | 174.63 | 174.63 | 174.63 | 174.63 | 174.56 | 174.45 | 174.24 | 174.05 | 174.15 | 6 |
| 7 | 174.62 | 174.61 | 174.55 | 174.63 | 174.63 | 174.57 | 174.62 | 174.54 | 174.44 | 174.21 | 174.14 | 174.24 | 7 |
| 8 | 174.61 | 174.37 | 174.57 | 174.65 | 174.63 | 174.53 | 174.61 | 174.57 | 174.43 | 174.28 | 174.15 | 174.20 | 8 |
| 9 | 174.71 | 174.57 | 174.58 | 174.65 | 174.61 | 174.59 | 174.61 | 174.54 | 174.41 | 174.22 | 174.18 | 174.08 | 9 |
| 10 | 174.70 | 174.57 | 174.70 | 174.58 | 174.60 | 174.58 | 174.61 | 174.53 | 174.48 | 174.29 | 174.24 | 174.16 | 10 |
| 11 | 174.61 | 174.65 | 174.65 | 174.58 | 174.61 | 174.61 | 174.62 | 174.63 | 174.44 | 174.30 | 174.18 | 174.18 | 11 |
| 12 | 174.55 | 174.60 | 174.58 | 174.67 | 174.61 | 174.58 | 174.61 | 174.58 | 174.44 | 174.26 | 174.07 | 173.95 | 12 |
| 13 | 174.67 | 174.64 | 174.58 | 174.70 | 174.68 | 174.59 | 174.59 | 174.56 | 174.41 | 174.29 | 174.11 | 174.05 | 13 |
| 14 | 174.68 | 174.70 | 174.64 | 174.74 | 174.62 | 174.58 | 174.59 | 174.53 | 174.44 | 174.26 | 174.18 | 174.18 | 14 |
| 15 | 174.65 | 174.65 | 174.69 | 174.72 | 174.62 | 174.59 | 174.64 | 174.52 | 174.44 | 174.28 | 174.22 | 174.05 | 15 |
| 16 | 174.68 | 174.72 | 174.62 | 174.73 | 174.63 | 174.59 | 174.64 | 174.49 | 174.44 | 174.28 | 174.22 | 173.95 | 16 |
| 17 | 174.75 | 174.73 | 174.67 | 174.71 | 174.61 | 174.64 | 174.62 | 174.48 | 174.48 | 174.15 | 174.20 | 174.15 | 17 |
| 18 | 174.68 | 174.60 | 174.60 | 174.67 | 174.68 | 174.59 | 174.59 | 174.47 | 174.46 | 174.23 | --- | 174.20 | 18 |
| 19 | 174.63 | 174.59 | 174.56 | 174.68 | 174.72 | 174.56 | 174.59 | 174.52 | 174.44 | 174.26 | 173.88 | 174.14 | 19 |
| 20 | 174.62 | 174.57 | 174.53 | 174.68 | 174.66 | 174.63 | 174.53 | 174.48 | 174.45 | 174.22 | 174.05 | 174.09 | 20 |
| 21 | 174.58 | 174.57 | 174.53 | 174.65 | 174.65 | 174.64 | 174.58 | 174.43 | 174.41 | 174.12 | 174.05 | 174.04 | 21 |
| 22 | 174.67 | 174.57 | 174.53 | 174.78 | 174.63 | 174.59 | 174.58 | 174.41 | 174.42 | 174.21 | 174.14 | 174.20 | 22 |
| 23 | 174.41 | 174.56 | 174.56 | 174.67 | 174.61 | 174.63 | 174.57 | 174.42 | 174.33 | 174.16 | 174.10 | 174.17 | 23 |
| 24 | 174.51 | 174.58 | 174.57 | 174.68 | 174.64 | 174.63 | 174.56 | 174.43 | 174.39 | 174.14 | 174.07 | 174.25 | 24 |
| 25 | 174.67 | 174.58 | 174.53 | 174.70 | 174.65 | 174.63 | 174.58 | 174.42 | 174.38 | 174.22 | 174.23 | 174.21 | 25 |
| 26 | 174.67 | 174.57 | 174.51 | 174.69 | 174.63 | 174.58 | 174.53 | 174.53 | 174.35 | 174.26 | 174.24 | 174.22 | 26 |
| 27 | 174.63 | 174.61 | 174.55 | 174.65 | 174.62 | 174.64 | 174.58 | 174.51 | 174.38 | 174.18 | 174.35 | 174.21 | 27 |
| 28 | 174.59 | 174.62 | 174.54 | 174.62 | 174.61 | 174.58 | 174.55 | 174.55 | 174.38 | 174.18 | 174.27 | 174.40 | 28 |
| 29 | 174.70 | | 174.56 | 174.63 | 174.60 | 174.57 | 174.58 | 174.47 | 174.33 | 174.21 | 174.18 | 174.22 | 29 |
| 30 | 174.53 | | 174.53 | 174.59 | 174.60 | 174.57 | 174.52 | 174.46 | 174.27 | 174.19 | 174.03 | 174.27 | 30 |
| 31 | 174.60 | | 174.48 | | 174.61 | | 174.60 | 174.38 | | 174.27 | | 174.08 | 31 |
| MEAN | 174.65 | 174.58 | 174.56 | 174.65 | 174.63 | 174.58 | 174.60 | 174.51 | 174.42 | 174.23 | --- | 174.15 | MEAN |
| MAX | 174.63 | 174.73 | 174.70 | 174.78 | 174.72 | 174.64 | 174.67 | 174.63 | 174.50 | 174.33 | --- | 174.40 | MAX |
| MIN | 174.41 | 174.37 | 174.38 | 174.39 | 174.60 | 174.53 | 174.52 | 174.38 | 174.27 | 174.12 | --- | 173.79 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 174.83 ON JAN 19
MINIMUM DAILY, 173.79 ON DEC 16
MAXIMUM INSTANTANEOUS,
175.41 AT 13:22 EST ON JAN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 01 36 N
LONG 82 44 05 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12065 KINGSVILLE

## LAKE ERIE AT PORT COLBORNE - STATION NO 02HA017

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 174.65 | 174.65 | 174.56 | 174.57 | 174.65 | 174.61 | 174.55 | 174.47 | 174.53 | 174.43 | 174.15 | 174.17 | 1 |
| 2 | 174.65 | 174.66 | 174.62 | 174.61 | 174.61 | 174.58 | 174.55 | 174.57 | 174.44 | 174.59 | 174.16 | 174.38 | 2 |
| 3 | 174.75 | 174.70 | 174.60 | 174.56 | 174.55 | 174.61 | 174.63 | 174.58 | 174.37 | 174.27 | 174.25 | 174.17 | 3 |
| 4 | 174.67 | 174.66 | 174.56 | 174.27 | 174.64 | 174.63 | 174.62 | 174.55 | 174.36 | 174.41 | 174.30 | 174.13 | 4 |
| 5 | 174.66 | 174.66 | 174.51 | 174.55 | 174.61 | 174.62 | 174.57 | 174.44 | 174.41 | 174.36 | 174.37 | 174.23 | 5 |
| 6 | 174.70 | 174.69 | 174.54 | 174.60 | 174.64 | 174.56 | 174.60 | 174.48 | 174.40 | 174.36 | 174.40 | 174.19 | 6 |
| 7 | 174.61 | 174.64 | 174.60 | 174.65 | 174.63 | 174.66 | 174.62 | 174.52 | 174.38 | 174.41 | 174.29 | 174.11 | 7 |
| 8 | 174.78 | 174.75 | 174.55 | 174.64 | 174.63 | 174.70 | 174.62 | 174.48 | 174.39 | 174.36 | 174.26 | 174.16 | 8 |
| 9 | 174.70 | 174.65 | 174.34 | 174.66 | 174.66 | 174.60 | 174.63 | 174.51 | 174.43 | 174.46 | 174.17 | 174.35 | 9 |
| 10 | 174.69 | 174.69 | 174.34 | 174.65 | 174.63 | 174.59 | 174.63 | 174.50 | 174.35 | 174.24 | 174.05 | 174.23 | 10 |
| 11 | 174.61 | 174.58 | 174.44 | 174.63 | 174.62 | 174.55 | 174.63 | 174.38 | 174.39 | 174.24 | 174.13 | 174.18 | 11 |
| 12 | 174.61 | 174.61 | 174.57 | 174.64 | 174.59 | 174.66 | 174.61 | 174.42 | 174.40 | 174.28 | 174.31 | 174.44 | 12 |
| 13 | 174.73 | 174.67 | 174.54 | 174.64 | 174.65 | 174.58 | 174.62 | 174.47 | 174.44 | 174.25 | 174.28 | 174.35 | 13 |
| 14 | 174.73 | 174.66 | 174.66 | 174.59 | 174.60 | 174.61 | 174.64 | 174.48 | 174.41 | 174.26 | 174.16 | 174.18 | 14 |
| 15 | 174.73 | 174.61 | 174.61 | 174.62 | 174.61 | 174.56 | 174.57 | 174.48 | 174.40 | 174.26 | 174.10 | 174.46 | 15 |
| 16 | 174.65 | 174.57 | 174.47 | 174.59 | 174.60 | 174.57 | 174.58 | 174.48 | 174.38 | 174.23 | 174.13 | 174.67 | 16 |
| 17 | 174.58 | 174.52 | 174.52 | 174.61 | 174.61 | 174.49 | 174.59 | 174.53 | 174.38 | 174.39 | 174.19 | 174.25 | 17 |
| 18 | 174.69 | 174.49 | 174.47 | 174.64 | 174.52 | 174.53 | 174.60 | 174.49 | 174.36 | 174.30 | 174.47 | 174.22 | 18 |
| 19 | 174.62 | 174.54 | 174.49 | 174.63 | 174.47 | 174.54 | 174.60 | 174.51 | 174.41 | 174.25 | 174.41 | 174.28 | 19 |
| 20 | 174.78 | 174.53 | 174.51 | 174.63 | 174.66 | 174.52 | 174.68 | 174.46 | 174.40 | 174.26 | 174.19 | 174.47 | 20 |
| 21 | 174.85 | 174.62 | 174.60 | 174.63 | 174.67 | 174.52 | 174.61 | 174.48 | 174.44 | 174.37 | 174.15 | 174.60 | 21 |
| 22 | 174.87 | 174.51 | 174.50 | 174.50 | 174.60 | 174.59 | 174.58 | 174.53 | 174.43 | 174.33 | 174.17 | 174.25 | 22 |
| 23 | 174.89 | 174.65 | 174.48 | 174.63 | 174.62 | 174.57 | 174.58 | 174.47 | 174.55 | 174.35 | 174.21 | 174.29 | 23 |
| 24 | 174.90 | 174.53 | 174.44 | 174.64 | 174.66 | 174.58 | 174.59 | 174.48 | 174.43 | 174.35 | 174.20 | 174.18 | 24 |
| 25 | 174.85 | 174.50 | 174.48 | 174.55 | 174.64 | 174.57 | 174.59 | 174.47 | 174.41 | 174.26 | 174.01 | 174.24 | 25 |
| 26 | 174.80 | 174.47 | 174.56 | 174.58 | 174.58 | 174.64 | 174.59 | 174.35 | 174.46 | 174.19 | 174.01 | 174.20 | 26 |
| 27 | 174.67 | 174.42 | 174.48 | 174.64 | 174.57 | 174.66 | 174.54 | 174.39 | 174.38 | 174.29 | 173.93 | 174.25 | 27 |
| 28 | 174.70 | 174.43 | 174.50 | 174.59 | 174.58 | 174.66 | 174.64 | 174.33 | 174.37 | 174.27 | 174.06 | 173.98 | 28 |
| 29 | 174.58 | | 174.47 | 174.70 | 174.58 | 174.66 | 174.53 | 174.44 | 174.42 | 174.27 | 174.17 | 174.15 | 29 |
| 30 | 174.78 | | 174.53 | 174.70 | 174.60 | 174.64 | 174.56 | 174.46 | 174.46 | 174.29 | 174.38 | 174.20 | 30 |
| 31 | 174.69 | | 174.62 | | 174.58 | | 174.45 | 174.55 | | 174.15 | | 174.49 | 31 |
| MEAN | 174.72 | 174.56 | 174.51 | 174.61 | 174.59 | 174.60 | 174.59 | 174.47 | 174.41 | 174.32 | 174.20 | 174.27 | MEAN |
| MAX | 174.89 | 174.75 | 174.62 | 174.81 | 174.66 | 174.70 | 174.68 | 174.57 | 174.55 | 174.59 | 174.47 | 174.67 | MAX |
| MIN | 174.42 | 174.32 | 174.34 | 174.27 | 174.47 | 174.49 | 174.45 | 174.33 | 174.35 | 174.15 | 173.93 | 173.98 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 174.49
MAXIMUM DAILY 174.89 ON JAN 23
MINIMUM DAILY 173.93 ON NOV 27
MAXIMUM INSTANTANEOUS
176.06 AT 17:46 EST ON DEC 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 52 26 N
LONG 79 15 12 W
DATA CONTRIBUTED BY
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12085 PORT COLBORNE

## LAKE ERIE AT PORT DOVER - STATION NO 02GC028

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 174.64 | 174.62 | 174.53 | 174.55 | 174.61 | 174.57 | 174.54 | 174.47 | 174.46 | 174.36 | 174.18 | 174.13 | 1 |
| 2 | 174.64 | 174.63 | 174.69 | 174.71 | 174.59 | 174.56 | 174.54 | 174.54 | 174.40 | 174.46 | 174.18 | 174.27 | 2 |
| 3 | 174.70 | 174.64 | 174.53 | 174.53 | 174.56 | 174.57 | 174.61 | 174.52 | 174.37 | 174.26 | 174.22 | 174.14 | 3 |
| 4 | 174.65 | 174.60 | 174.52 | 174.32 | 174.54 | 174.58 | 174.58 | 174.53 | 174.37 | 174.34 | 174.24 | 174.10 | 4 |
| 5 | 174.65 | 174.61 | 174.49 | 174.55 | 174.58 | 174.58 | 174.55 | 174.46 | 174.38 | 174.33 | 174.26 | 174.18 | 5 |
| 6 | 174.69 | 174.63 | 174.52 | 174.58 | 174.61 | 174.53 | 174.59 | 174.48 | 174.38 | 174.33 | 174.29 | 174.15 | 6 |
| 7 | 174.73 | 174.69 | 174.56 | 174.62 | 174.59 | 174.60 | 174.60 | 174.50 | 174.37 | 174.34 | 174.22 | 174.10 | 7 |
| 8 | 174.72 | 174.67 | 174.52 | 174.62 | 174.59 | 174.62 | 174.60 | 174.48 | 174.38 | 174.30 | 174.27 | 174.14 | 8 |
| 9 | 174.66 | 174.60 | 174.38 | 174.62 | 174.61 | 174.55 | 174.60 | 174.51 | 174.40 | 174.36 | 174.15 | 174.28 | 9 |
| 10 | 174.67 | 174.62 | 174.36 | 174.62 | 174.59 | 174.55 | 174.60 | 174.50 | 174.34 | 174.22 | 174.07 | 174.17 | 10 |
| 11 | 174.60 | 174.55 | 174.45 | 174.60 | 174.60 | 174.53 | 174.59 | 174.40 | 174.38 | 174.22 | 174.12 | 174.16 | 11 |
| 12 | 174.78 | 174.67 | 174.54 | 174.62 | 174.55 | 174.59 | 174.59 | 174.43 | 174.38 | 174.25 | 174.25 | 174.35 | 12 |
| 13 | 174.66 | 174.55 | 174.51 | 174.61 | 174.54 | 174.56 | 174.59 | 174.47 | 174.40 | 174.23 | 174.21 | 174.26 | 13 |
| 14 | 174.67 | 174.67 | 174.47 | 174.57 | 174.58 | 174.57 | 174.57 | 174.47 | 174.38 | 174.24 | 174.13 | 174.14 | 14 |
| 15 | 174.68 | 174.69 | 174.41 | 174.61 | 174.56 | 174.54 | 174.55 | 174.47 | 174.37 | 174.23 | 174.10 | 174.40 | 15 |
| 16 | 174.62 | 174.39 | 174.48 | 174.58 | 174.57 | 174.55 | 174.54 | 174.47 | 174.37 | 174.22 | 174.13 | --- | 16 |
| 17 | 174.58 | 174.34 | 174.48 | 174.60 | 174.58 | 174.49 | 174.57 | 174.49 | 174.37 | 174.33 | 174.16 | --- | 17 |
| 18 | 174.58 | 174.48 | 174.48 | 174.63 | 174.52 | 174.52 | 174.57 | 174.46 | 174.37 | 174.24 | 174.31 | --- | 18 |
| 19 | 174.48 | 174.51 | 174.47 | 174.61 | 174.47 | 174.52 | 174.57 | 174.47 | 174.40 | 174.22 | 174.29 | --- | 19 |
| 20 | 174.71 | 174.51 | 174.48 | 174.61 | 174.54 | 174.52 | 174.60 | 174.42 | 174.38 | 174.25 | 174.13 | --- | 20 |
| 21 | 174.78 | 174.50 | 174.47 | 174.63 | 174.55 | 174.52 | 174.57 | 174.45 | 174.41 | 174.32 | 174.10 | --- | 21 |
| 22 | 174.65 | 174.50 | 174.47 | 174.51 | 174.57 | 174.58 | 174.56 | 174.46 | 174.39 | 174.28 | 174.14 | --- | 22 |
| 23 | 174.78 | 174.51 | 174.45 | 174.61 | 174.58 | 174.58 | 174.55 | 174.42 | 174.46 | 174.28 | 174.16 | --- | 23 |
| 24 | 174.76 | 174.48 | 174.43 | 174.54 | 174.54 | 174.56 | 174.55 | 174.40 | 174.38 | 174.27 | 174.14 | --- | 24 |
| 25 | 174.60 | 174.48 | 174.48 | 174.55 | 174.52 | 174.55 | 174.56 | 174.41 | 174.37 | 174.21 | 174.04 | --- | 25 |
| 26 | 174.58 | 174.46 | 174.51 | 174.57 | 174.54 | 174.61 | 174.57 | 174.35 | 174.40 | 174.17 | 174.04 | --- | 26 |
| 27 | 174.63 | 174.43 | 174.48 | 174.62 | 174.55 | 174.60 | 174.61 | 174.41 | 174.38 | 174.25 | 173.88 | --- | 27 |
| 28 | 174.65 | 174.43 | 174.48 | 174.63 | 174.55 | 174.60 | 174.62 | 174.35 | 174.36 | 174.23 | 174.08 | --- | 28 |
| 29 | 174.56 | | 174.48 | 174.62 | 174.55 | 174.59 | 174.61 | 174.42 | 174.39 | 174.21 | 174.16 | --- | 29 |
| 30 | 174.71 | | 174.48 | 174.63 | 174.57 | 174.60 | 174.63 | 174.43 | 174.37 | 174.23 | 174.28 | --- | 30 |
| 31 | 174.62 | | 174.53 | | 174.56 | | 174.45 | 174.50 | | 174.14 | | --- | 31 |
| MEAN | 174.67 | 174.53 | 174.49 | 174.59 | 174.56 | 174.56 | 174.56 | 174.46 | 174.39 | 174.27 | 174.15 | --- | MEAN |
| MAX | 174.80 | 174.67 | 174.69 | 174.71 | 174.61 | 174.62 | 174.61 | 174.54 | 174.46 | 174.46 | 174.31 | --- | MAX |
| MIN | 174.48 | 174.34 | 174.36 | 174.33 | 174.47 | 174.49 | 174.45 | 174.36 | 174.34 | 174.14 | 173.88 | --- | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 174.80 ON JAN 11
MINIMUM DAILY, 173.88 ON NOV 27
MAXIMUM INSTANTANEOUS
175.48 AT 19 00 EST ON DEC 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 51 N
LONG 80 12 06 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12710 PORT DOVER

## LAKE ERIE AT PORT STANLEY - STATION NO 02GC027

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 174.71 | 174.67 | 174.57 | 174.62 | 174.63 | 174.60 | 174.59 | 174.63 | 174.45 | 174.39 | 174.21 | 174.16 | 1 |
| 2 | 174.70 | 174.64 | 174.59 | 174.63 | 174.63 | 174.60 | 174.59 | 174.65 | 174.43 | 174.39 | 174.22 | 174.16 | 2 |
| 3 | 174.71 | 174.63 | 174.54 | 174.56 | 174.61 | 174.62 | 174.63 | 174.66 | 174.43 | 174.28 | 174.24 | 174.16 | 3 |
| 4 | 174.70 | 174.61 | 174.56 | 174.47 | 174.60 | 174.59 | 174.61 | 174.65 | 174.43 | 174.33 | 174.24 | 174.13 | 4 |
| 5 | 174.70 | 174.62 | 174.55 | 174.60 | 174.62 | 174.59 | 174.60 | 174.63 | 174.45 | 174.35 | 174.18 | 174.17 | 5 |
| 6 | 174.72 | 174.63 | 174.57 | 174.62 | 174.63 | 174.58 | 174.62 | 174.64 | 174.43 | 174.32 | 174.17 | 174.17 | 6 |
| 7 | 174.69 | 174.63 | 174.58 | 174.64 | 174.62 | 174.61 | 174.62 | 174.65 | 174.42 | 174.29 | 174.21 | 174.17 | 7 |
| 8 | 174.70 | 174.67 | 174.57 | 174.65 | 174.63 | 174.61 | 174.63 | 174.61 | 174.42 | 174.29 | 174.20 | 174.19 | 8 |
| 9 | 174.70 | 174.64 | 174.49 | 174.68 | 174.63 | 174.64 | 174.62 | 174.66 | 174.43 | 174.34 | 174.17 | 174.23 | 9 |
| 10 | 174.72 | 174.63 | 174.50 | 174.68 | 174.63 | 174.66 | 174.62 | 174.62 | 174.41 | 174.26 | 174.15 | 174.18 | 10 |
| 11 | 174.71 | 174.61 | 174.65 | 174.65 | 174.62 | 174.57 | 174.62 | 174.60 | 174.43 | 174.27 | 174.16 | 174.21 | 11 |
| 12 | 174.72 | 174.69 | 174.66 | 174.68 | 174.59 | 174.60 | 174.62 | 174.60 | 174.42 | 174.28 | 174.20 | 174.33 | 12 |
| 13 | 174.68 | 174.60 | 174.66 | 174.68 | 174.60 | 174.66 | 174.61 | 174.63 | 174.44 | 174.27 | 174.20 | 174.18 | 13 |
| 14 | 174.70 | 174.67 | 174.65 | 174.66 | 174.61 | 174.66 | 174.57 | 174.63 | 174.41 | 174.26 | 174.17 | 174.17 | 14 |
| 15 | 174.67 | 174.66 | 174.62 | 174.67 | 174.61 | 174.67 | 174.66 | 174.62 | 174.42 | 174.26 | 174.16 | 174.35 | 15 |
| 16 | 174.66 | 174.65 | 174.62 | 174.66 | 174.61 | 174.67 | 174.66 | 174.61 | 174.41 | 174.26 | 174.18 | 174.21 | 16 |
| 17 | 174.66 | 174.64 | 174.63 | 174.65 | 174.62 | 174.64 | 174.60 | 174.61 | 174.43 | 174.30 | 174.21 | 174.18 | 17 |
| 18 | 174.69 | 174.65 | 174.62 | 174.66 | 174.60 | 174.65 | 174.60 | 174.67 | 174.44 | 174.27 | 174.21 | 174.22 | 18 |
| 19 | 174.61 | 174.66 | 174.51 | 174.65 | 174.66 | 174.65 | 174.60 | 174.67 | 174.44 | 174.25 | 174.19 | 174.22 | 19 |
| 20 | 174.73 | 174.66 | 174.62 | 174.66 | 174.60 | 174.65 | 174.60 | 174.65 | 174.44 | 174.25 | 174.10 | 174.27 | 20 |
| 21 | 174.72 | 174.65 | 174.61 | 174.65 | 174.61 | 174.67 | 174.66 | 174.66 | 174.44 | 174.30 | 174.13 | 174.25 | 21 |
| 22 | 174.69 | 174.65 | 174.62 | 174.63 | 174.62 | 174.63 | 174.66 | 174.66 | 174.42 | 174.29 | 174.17 | 174.23 | 22 |
| 23 | 174.63 | 174.65 | 174.61 | 174.65 | 174.60 | 174.60 | 174.66 | 174.61 | 174.43 | 174.25 | 174.18 | 174.22 | 23 |
| 24 | 174.65 | 174.64 | 174.60 | 174.63 | 174.59 | 174.60 | 174.66 | 174.61 | 174.40 | 174.24 | 174.13 | 174.23 | 24 |
| 25 | 174.64 | 174.63 | 174.63 | 174.63 | 174.58 | 174.60 | 174.67 | 174.63 | 174.39 | 174.20 | 174.13 | 174.21 | 25 |
| 26 | 174.63 | 174.63 | 174.65 | 174.64 | 174.59 | 174.61 | 174.66 | 174.63 | 174.38 | 174.23 | 174.13 | 174.21 | 26 |
| 27 | 174.66 | 174.63 | 174.61 | 174.64 | 174.59 | 174.60 | 174.66 | 174.65 | 174.38 | 174.26 | 174.11 | 174.21 | 27 |
| 28 | 174.65 | 174.62 | 174.62 | 174.63 | 174.60 | 174.61 | 174.66 | 174.63 | 174.39 | 174.24 | 174.15 | 174.17 | 28 |
| 29 | 174.64 | | 174.61 | 174.64 | 174.60 | 174.61 | 174.66 | 174.66 | 174.40 | 174.23 | 174.18 | 174.18 | 29 |
| 30 | 174.66 | | 174.60 | 174.62 | 174.59 | 174.60 | 174.66 | 174.68 | 174.35 | 174.25 | 174.22 | 174.26 | 30 |
| 31 | 174.61 | | 174.62 | | 174.60 | | 174.63 | 174.68 | | 174.20 | | 174.28 | 31 |
| MEAN | 174.68 | 174.58 | 174.53 | 174.64 | 174.61 | 174.59 | 174.59 | 174.68 | 174.42 | 174.26 | 174.18 | 174.21 | MEAN |
| MAX | 174.73 | 174.67 | 174.69 | 174.67 | 174.63 | 174.62 | 174.63 | 174.68 | 174.45 | 174.39 | 174.26 | 174.35 | MAX |
| MIN | 174.61 | 174.62 | 174.49 | 174.47 | 174.58 | 174.54 | 174.53 | 174.61 | 174.35 | 174.20 | 174.10 | 174.13 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 174.48
MAXIMUM DAILY, 174.73 ON JAN 20
MINIMUM DAILY, 174.10 ON NOV 20
MAXIMUM INSTANTANEOUS
174.84 AT 3 15 EST ON JAN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 38 32 N
LONG 81 12 48 W
DATA CONTRIBUTED BY
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12400 PORT STANLEY

## LAKE HURON AT COLLINGWOOD - STATION NO 02ED012

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 176.95 | 176.83 | 176.82 | 176.71 | 176.85 | 176.81 | 176.82 | 176.89 | 176.80 | 176.65 | 176.43 | 176.42 | 1 |
| 2 | 176.92 | 176.88 | 176.92 | 176.70 | 176.81 | 176.81 | 176.78 | 176.72 | 176.72 | 176.71 | 176.39 | 176.50 | 2 |
| 3 | 176.88 | 176.93 | 176.90 | 176.83 | 176.79 | 176.84 | 176.83 | 176.79 | 176.70 | 176.64 | 176.49 | 176.44 | 3 |
| 4 | 176.85 | 176.97 | 176.82 | 176.82 | 176.80 | 176.86 | 176.86 | 176.77 | 176.67 | 176.66 | 176.55 | 176.44 | 4 |
| 5 | 176.86 | 176.92 | 176.77 | 176.76 | 176.81 | 176.84 | 176.78 | 176.71 | 176.67 | 176.64 | 176.69 | 176.46 | 5 |
| 6 | 176.92 | 176.92 | 176.83 | 176.81 | 176.84 | 176.79 | 176.78 | 176.70 | 176.67 | 176.62 | 176.65 | 176.43 | 6 |
| 7 | 177.02 | 176.91 | 176.88 | 176.84 | 176.83 | 176.79 | 176.79 | 176.76 | 176.67 | 176.62 | 176.53 | 176.38 | 7 |
| 8 | 177.00 | 176.87 | 176.83 | 176.82 | 176.81 | 176.87 | 176.79 | 176.75 | 176.65 | 176.63 | 176.52 | 176.35 | 8 |
| 9 | 176.96 | 176.87 | 176.71 | 176.82 | 176.86 | 176.86 | 176.79 | 176.67 | 176.69 | 176.66 | 176.52 | 176.41 | 9 |
| 10 | 176.83 | 176.84 | 176.73 | 176.80 | 176.81 | 176.82 | 176.80 | 176.73 | 176.84 | 176.63 | 176.46 | 176.52 | 10 |
| 11 | 176.99 | 176.83 | 176.77 | 176.76 | 176.79 | 176.79 | 176.82 | 176.87 | 176.80 | 176.57 | 176.48 | 176.40 | 11 |
| 12 | 177.08 | 176.86 | 176.81 | 176.78 | 176.83 | 176.86 | 176.80 | 176.86 | 176.84 | 176.57 | 176.52 | 176.45 | 12 |
| 13 | 176.94 | 176.86 | 176.80 | 176.80 | 176.75 | 176.83 | 176.85 | 176.86 | 176.89 | 176.55 | 176.49 | 176.52 | 13 |
| 14 | 176.94 | 176.75 | 176.78 | 176.74 | 176.79 | 176.83 | 176.86 | 176.87 | 176.89 | 176.61 | 176.49 | 176.46 | 14 |
| 15 | 176.98 | 176.81 | 176.75 | 176.74 | 176.84 | 176.84 | 176.80 | 176.72 | 176.86 | 176.54 | 176.35 | 176.22 | 15 |
| 16 | 176.98 | 176.78 | 176.77 | 176.78 | 176.79 | 176.83 | 176.77 | 176.76 | 176.84 | 176.67 | 176.34 | 176.45 | 16 |
| 17 | 176.89 | 176.75 | 176.80 | 176.79 | 176.81 | 176.80 | 176.81 | 176.82 | 176.84 | 176.64 | 176.38 | 176.49 | 17 |
| 18 | 176.95 | 176.79 | 176.75 | 176.81 | 176.73 | 176.79 | 176.85 | 176.82 | 176.53 | 176.80 | 176.56 | 176.44 | 18 |
| 19 | 176.90 | 176.82 | 176.76 | 176.80 | 176.70 | 176.81 | 176.77 | 176.83 | 176.55 | 176.64 | 176.81 | 176.51 | 19 |
| 20 | 176.90 | 176.81 | 176.81 | 176.79 | 176.74 | 176.76 | 176.85 | 176.81 | 176.57 | 176.52 | 176.58 | 176.43 | 20 |
| 21 | 176.98 | 176.81 | 176.80 | 176.83 | 176.75 | 176.76 | 176.84 | 176.77 | 176.57 | 176.51 | 176.49 | 176.84 | 21 |
| 22 | 176.90 | 176.78 | 176.78 | 176.75 | 176.79 | 176.79 | 176.81 | 176.90 | 176.60 | 176.50 | 176.41 | 176.51 | 22 |
| 23 | 177.09 | 176.83 | 176.76 | 176.81 | 176.83 | 176.81 | 176.81 | 176.89 | 176.70 | 176.47 | 176.42 | 176.49 | 23 |
| 24 | 177.11 | 176.84 | 176.71 | 176.83 | 176.81 | 176.80 | 176.85 | 176.81 | 176.85 | 176.64 | 176.49 | 176.37 | 24 |
| 25 | 176.98 | 176.81 | 176.71 | 176.81 | 176.77 | 176.79 | 176.83 | 176.80 | 176.85 | 176.58 | 176.29 | 176.48 | 25 |
| 26 | 176.89 | 176.79 | 176.81 | 176.79 | 176.73 | 176.85 | 176.84 | 176.70 | 176.89 | 176.52 | 176.38 | 176.49 | 26 |
| 27 | 176.93 | 176.78 | 176.78 | 176.84 | 176.80 | 176.86 | 176.83 | 176.71 | 176.58 | 176.85 | 176.32 | 176.54 | 27 |
| 28 | 176.82 | 176.71 | 176.78 | 176.81 | 176.81 | 176.86 | 176.78 | 176.72 | 176.84 | 176.55 | 176.24 | 176.38 | 28 |
| 29 | 176.84 | | 176.78 | 176.88 | 176.81 | 176.82 | 176.78 | 176.74 | 176.86 | 176.52 | 176.28 | 176.43 | 29 |
| 30 | 176.79 | | 176.88 | 176.91 | 176.81 | 176.85 | 176.78 | 176.75 | 176.71 | 176.58 | 176.41 | 176.39 | 30 |
| 31 | 176.83 | | 176.90 | | 176.83 | | 176.70 | 176.79 | | 176.50 | | 176.53 | 31 |
| MEAN | 176.95 | 176.84 | 176.78 | 176.80 | 176.80 | 176.82 | 176.81 | 176.75 | 176.85 | 176.57 | 176.46 | 176.45 | MEAN |
| MAX | 177.11 | 176.97 | 176.92 | 176.91 | 176.88 | 176.87 | 176.88 | 176.90 | 176.80 | 176.71 | 176.69 | 176.64 | MAX |
| MIN | 176.79 | 176.71 | 176.82 | 176.70 | 176.70 | 176.76 | 176.70 | 176.88 | 176.53 | 176.47 | 176.24 | 176.22 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 176.72
MAXIMUM DAILY, 177.11 ON JAN 24
MINIMUM DAILY, 176.22 ON DEC 15
MAXIMUM INSTANTANEOUS,
177.21 AT 16.45 EST ON JAN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 30 17 N
LONG 80 13 02 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11500 COLLINGWOOD

## LAKE HURON AT GODERICH - STATION NO 02FE012

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 177.01 | 176.88 | 176.78 | 176.81 | 176.88 | 176.86 | 176.87 | 176.76 | 176.81 | 176.67 | 176.51 | 176.49 | 1 |
| 2 | 176.99 | 176.93 | 176.91 | 176.84 | 176.86 | 176.86 | 176.85 | 176.79 | 176.78 | 176.78 | 176.47 | 176.54 | 2 |
| 3 | 177.02 | 176.98 | 176.99 | 176.88 | 176.84 | 176.90 | 176.85 | 176.81 | 176.75 | 176.70 | 176.53 | 176.52 | 3 |
| 4 | 177.00 | 177.02 | 176.88 | 176.92 | 176.86 | 176.89 | 176.89 | 176.84 | 176.73 | 176.70 | 176.57 | 176.52 | 4 |
| 5 | 177.00 | 176.94 | 176.83 | 176.91 | 176.85 | 176.88 | 176.84 | 176.77 | 176.71 | 176.67 | 176.71 | 176.53 | 5 |
| 6 | 176.93 | 176.93 | 176.84 | 176.91 | 176.86 | 176.86 | 176.84 | 176.77 | 176.69 | 176.66 | 176.67 | 176.47 | 6 |
| 7 | 177.05 | 176.93 | 176.85 | 176.90 | 176.88 | 176.86 | 176.85 | 176.78 | 176.71 | 176.70 | 176.61 | 176.42 | 7 |
| 8 | 177.04 | 177.05 | 176.89 | 176.87 | 176.84 | 176.91 | 176.85 | 176.78 | 176.72 | 176.69 | 176.57 | 176.38 | 8 |
| 9 | 177.01 | 176.91 | 176.85 | 176.85 | 176.88 | 176.91 | 176.85 | 176.73 | 176.73 | 176.65 | 176.57 | 176.42 | 9 |
| 10 | 176.95 | 176.98 | 176.80 | 176.84 | 176.87 | 176.87 | 176.85 | 176.78 | 176.71 | 176.69 | 176.66 | 176.53 | 10 |
| 11 | 177.01 | 176.89 | 176.84 | 176.81 | 176.82 | 176.85 | 176.86 | 176.76 | 176.67 | 176.62 | 176.63 | 176.45 | 11 |
| 12 | 177.10 | 176.93 | 176.86 | 176.85 | 176.86 | 176.85 | 176.86 | 176.73 | 176.69 | 176.63 | 176.58 | 176.49 | 12 |
| 13 | 176.96 | 176.91 | 176.85 | 176.85 | 176.81 | 176.88 | 176.89 | 176.76 | 176.72 | 176.57 | 176.53 | 176.55 | 13 |
| 14 | 176.97 | 176.82 | 176.81 | 176.81 | 176.84 | 176.86 | 176.91 | 176.75 | 176.73 | 176.59 | 176.61 | 176.51 | 14 |
| 15 | 177.05 | 176.87 | 176.82 | 176.82 | 176.86 | 176.89 | 176.86 | 176.77 | 176.71 | 176.58 | 176.43 | 176.37 | 15 |
| 16 | 177.03 | 176.86 | 176.81 | 176.85 | 176.83 | 176.87 | 176.85 | 176.81 | 176.68 | 176.61 | 176.39 | 176.56 | 16 |
| 17 | 176.95 | 176.83 | 176.85 | 176.85 | 176.86 | 176.85 | 176.84 | 176.84 | 176.84 | 176.57 | 176.40 | 176.56 | 17 |
| 18 | 176.99 | 176.85 | 176.83 | 176.86 | 176.82 | 176.83 | 176.85 | 176.86 | 176.83 | 176.63 | 176.57 | 176.48 | 18 |
| 19 | 176.99 | 176.86 | 176.82 | 176.85 | 176.79 | 176.86 | 176.81 | 176.88 | 176.85 | 176.58 | 176.59 | 176.52 | 19 |
| 20 | 176.94 | 176.85 | 176.86 | 176.84 | 176.83 | 176.88 | 176.84 | 176.87 | 176.84 | 176.64 | 176.64 | 176.46 | 20 |
| 21 | 177.01 | 176.84 | 176.83 | 176.87 | 176.82 | 176.83 | 176.87 | 176.80 | 176.87 | 176.67 | 176.53 | 176.58 | 21 |
| 22 | 176.96 | 176.83 | 176.83 | 176.84 | 176.87 | 176.88 | 176.85 | 176.89 | 176.89 | 176.57 | 176.43 | 176.54 | 22 |
| 23 | 177.12 | 176.87 | 176.82 | 176.86 | 176.87 | 176.86 | 176.85 | 176.88 | 176.75 | 176.67 | 176.61 | 176.51 | 23 |
| 24 | 177.14 | 176.88 | 176.79 | 176.89 | 176.85 | 176.85 | 176.87 | 176.83 | 176.73 | 176.63 | 176.52 | 176.44 | 24 |
| 25 | 177.05 | 176.88 | 176.79 | 176.87 | 176.83 | 176.85 | 176.86 | 176.83 | 176.72 | 176.62 | 176.48 | 176.50 | 25 |
| 26 | 176.95 | 176.85 | 176.84 | 176.85 | 176.81 | 176.89 | 176.85 | 176.77 | 176.73 | 176.55 | 176.45 | 176.52 | 26 |
| 27 | 176.93 | 176.81 | 176.84 | 176.87 | 176.84 | 176.90 | 176.84 | 176.77 | 176.86 | 176.60 | 176.43 | 176.54 | 27 |
| 28 | 176.95 | 176.80 | 176.85 | 176.96 | 176.85 | 176.89 | 176.84 | 176.78 | 176.67 | 176.60 | 176.37 | 176.47 | 28 |
| 29 | 176.90 | | 176.83 | 176.93 | 176.85 | 176.88 | 176.81 | 176.78 | 176.70 | 176.58 | 176.38 | 176.50 | 29 |
| 30 | 176.91 | | 176.91 | 176.93 | 176.85 | 176.89 | 176.83 | 176.77 | 176.78 | 176.59 | 176.48 | 176.42 | 30 |
| 31 | 176.98 | | 176.95 | | 176.87 | | 176.77 | 176.82 | | 176.55 | | 176.47 | 31 |
| MEAN | 177.00 | 176.89 | 176.85 | 176.87 | 176.85 | 176.87 | 176.85 | 176.80 | 176.71 | 176.62 | 176.51 | 176.49 | MEAN |
| MAX | 177.14 | 177.05 | 176.99 | 176.96 | 176.88 | 176.91 | 176.91 | 176.89 | 176.81 | 176.78 | 176.71 | 176.59 | MAX |
| MIN | 176.90 | 176.80 | 176.78 | 176.81 | 176.79 | 176.83 | 176.77 | 176.73 | 176.63 | 176.51 | 176.37 | 176.37 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 176.77
MAXIMUM DAILY 177.14 ON JAN 24
MINIMUM DAILY 176.37 ON NOV 28
MAXIMUM INSTANTANEOUS
177.53 AT 12.45 EST ON FEB 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 45 N
LONG 81 43 44 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11680 GODERICH

.08

## LAKE HURON AT LITTLE CURRENT - STATION NO 02CG002

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 176.86 | 176.79 | 176.58 | 176.69 | 176.76 | 176.73 | 176.72 | 176.60 | 176.68 | 176.57 | 176.35 | 176.25 | 1 |
| 2 | 176.78 | 176.78 | 176.68 | 176.60 | 176.69 | 176.73 | 176.68 | 176.68 | 176.59 | 176.51 | 176.35 | 176.35 | 2 |
| 3 | 176.83 | 176.76 | 176.73 | 176.71 | 176.86 | 176.76 | 176.73 | 176.71 | 176.58 | 176.47 | 176.43 | 176.32 | 3 |
| 4 | 176.86 | 176.79 | 176.71 | 176.66 | 176.69 | 176.76 | 176.74 | 176.64 | 176.58 | 176.54 | 176.46 | 176.26 | 4 |
| 5 | 176.88 | 176.81 | 176.69 | 176.65 | 176.71 | 176.74 | 176.67 | 176.61 | 176.57 | 176.54 | 176.45 | 176.30 | 5 |
| 6 | 176.86 | 176.82 | 176.73 | 176.67 | 176.74 | 176.71 | 176.67 | 176.65 | 176.58 | 176.52 | 176.47 | 176.28 | 6 |
| 7 | 176.83 | 176.80 | 176.76 | 176.69 | 176.72 | 176.71 | 176.70 | 176.69 | 176.57 | 176.42 | 176.42 | 176.25 | 7 |
| 8 | 176.91 | 176.80 | 176.69 | 176.69 | 176.72 | 176.76 | 176.70 | 176.65 | 176.54 | 176.47 | 176.37 | 176.27 | 8 |
| 9 | 176.87 | 176.78 | --- | 176.72 | 176.80 | 176.73 | 176.71 | 176.60 | 176.59 | 176.56 | 176.35 | 176.33 | 9 |
| 10 | 176.82 | 176.79 | 176.65 | 176.70 | 176.69 | 176.74 | 176.73 | 176.61 | 176.55 | 176.49 | 176.33 | 176.41 | 10 |
| 11 | 176.86 | 176.73 | 176.69 | 176.66 | 176.70 | 176.73 | 176.72 | 176.58 | 176.53 | 176.46 | 176.38 | 176.35 | 11 |
| 12 | 176.88 | 176.70 | 176.70 | 176.67 | 176.71 | 176.76 | 176.71 | 176.59 | 176.56 | 176.46 | 176.38 | 176.34 | 12 |
| 13 | 176.85 | 176.74 | 176.69 | 176.70 | 176.88 | 176.72 | 176.75 | 176.60 | 176.60 | 176.47 | 176.37 | 176.41 | 13 |
| 14 | 176.84 | 176.83 | 176.85 | 176.83 | 176.70 | 176.74 | 176.73 | 176.60 | 176.59 | 176.53 | 176.35 | 176.36 | 14 |
| 15 | 176.82 | 176.88 | 176.84 | 176.84 | 176.71 | 176.74 | 176.69 | 176.67 | 176.57 | 176.41 | 176.27 | 176.16 | 15 |
| 16 | 176.85 | 176.88 | 176.84 | 176.89 | 176.72 | 176.73 | 176.68 | 176.69 | 176.54 | 176.40 | 176.29 | 176.23 | 16 |
| 17 | 176.83 | 176.84 | 176.87 | 176.70 | 176.88 | 176.70 | 176.73 | 176.74 | 176.45 | 176.48 | 176.36 | 176.32 | 17 |
| 18 | 176.84 | 176.88 | 176.85 | 176.72 | 176.80 | 176.70 | 176.72 | 176.73 | 176.44 | 176.50 | 176.42 | 176.38 | 18 |
| 19 | 176.79 | 176.71 | 176.83 | 176.70 | 176.80 | 176.71 | 176.86 | 176.73 | 176.53 | 176.43 | 176.52 | 176.40 | 19 |
| 20 | 176.82 | 176.71 | 176.88 | 176.70 | 176.85 | 176.88 | 176.74 | 176.71 | 176.51 | 176.40 | 176.31 | 176.37 | 20 |
| 21 | 176.88 | 176.72 | 176.87 | 176.70 | 176.87 | 176.86 | 176.75 | 176.88 | 176.49 | 176.39 | 176.30 | 176.52 | 21 |
| 22 | 176.83 | 176.88 | 176.87 | 176.84 | 176.88 | 176.89 | 176.71 | 176.71 | 176.52 | 176.40 | 176.34 | 176.41 | 22 |
| 23 | 176.78 | 176.70 | 176.86 | 176.70 | 176.70 | 176.72 | 176.73 | 176.73 | 176.60 | 176.38 | 176.34 | 176.37 | 23 |
| 24 | 176.89 | 176.72 | 176.83 | 176.70 | 176.71 | 176.72 | 176.74 | 176.70 | 176.64 | 176.39 | 176.31 | 176.30 | 24 |
| 25 | 176.86 | 176.70 | 176.84 | 176.70 | 176.87 | 176.72 | 176.71 | 176.86 | 176.57 | 176.44 | 176.17 | 176.32 | 25 |
| 26 | 176.78 | 176.89 | 176.71 | 176.70 | 176.85 | 176.77 | 176.70 | 176.88 | 176.88 | 176.47 | 176.25 | 176.37 | 26 |
| 27 | 176.85 | 176.87 | 176.89 | 176.77 | 176.71 | 176.77 | 176.71 | 176.88 | 176.49 | 176.45 | 176.24 | 176.39 | 27 |
| 28 | 176.78 | 176.83 | 176.88 | 176.79 | 176.72 | 176.77 | 176.87 | 176.89 | 176.85 | 176.43 | 176.15 | 176.25 | 28 |
| 29 | 176.75 | | 176.87 | 176.75 | 176.73 | 176.74 | 176.85 | 176.83 | 176.88 | 176.41 | 176.20 | 176.23 | 29 |
| 30 | 176.88 | | 176.71 | 176.78 | 176.73 | 176.77 | 176.84 | 176.88 | 176.81 | 176.44 | 176.27 | 176.35 | 30 |
| 31 | 176.77 | | 176.71 | | 176.74 | | 176.80 | 176.87 | | 176.38 | | 176.48 | 31 |
| MEAN | 176.83 | 176.72 | --- | 176.69 | 176.78 | 176.73 | 176.70 | 176.65 | 176.55 | 176.46 | 176.34 | 176.33 | MEAN |
| MAX | 176.91 | 176.82 | --- | 176.78 | 176.80 | 176.77 | 176.75 | 176.74 | 176.68 | 176.57 | 176.52 | 176.52 | MAX |
| MIN | 176.68 | 176.60 | --- | 176.60 | 176.65 | 176.60 | 176.58 | 176.44 | 176.38 | 176.15 | 176.16 | 176.16 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 176.91 ON JAN 8
MINIMUM DAILY, 176.15 ON NOV 28
MAXIMUM INSTANTANEOUS,
177.03 AT 15:30 EST ON JAN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 58 53 N
LONG 81 55 41 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11195 LITTLE CURRENT

## LAKE HURON AT PARRY SOUND - STATION NO. 02EA014

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 176.86 | 176.74 | 176.61 | 176.62 | 176.78 | 176.72 | 176.72 | 176.60 | 176.70 | 176.65 | 176.32 | 176.28 | 1 |
| 2 | 176.79 | 176.78 | 176.81 | 176.60 | 176.70 | 176.72 | 176.68 | 176.66 | 176.69 | 176.62 | 176.31 | 176.39 | 2 |
| 3 | 176.85 | 176.81 | 176.76 | 176.72 | 176.67 | 176.75 | 176.74 | 176.70 | 176.59 | 176.49 | 176.40 | 176.34 | 3 |
| 4 | 176.85 | 176.83 | 176.71 | 176.65 | 176.69 | 176.78 | 176.77 | 176.65 | 176.68 | 176.58 | 176.46 | 176.30 | 4 |
| 5 | 176.86 | 176.84 | 176.87 | 176.84 | 176.71 | 176.78 | 176.67 | 176.59 | 176.58 | 176.58 | 176.83 | 176.34 | 5 |
| 6 | 176.83 | 176.83 | 176.72 | 176.68 | 176.73 | 176.70 | 176.67 | 176.61 | 176.59 | 176.58 | 176.83 | 176.30 | 6 |
| 7 | 176.87 | 176.81 | 176.76 | 176.72 | 176.72 | 176.70 | 176.70 | 176.68 | 176.58 | 176.50 | 176.43 | 176.25 | 7 |
| 8 | 176.82 | 176.84 | 176.71 | 176.70 | 176.71 | 176.76 | 176.71 | 176.64 | 176.58 | 176.50 | 176.41 | 176.26 | 8 |
| 9 | 176.87 | 176.78 | 176.82 | 176.72 | 176.81 | 176.74 | 176.71 | 176.68 | 176.60 | 176.63 | 176.38 | 176.24 | 9 |
| 10 | 176.70 | 176.82 | 176.80 | 176.89 | 176.70 | 176.72 | 176.72 | 176.83 | 176.65 | 176.60 | 176.34 | 176.45 | 10 |
| 11 | 176.89 | 176.72 | 176.86 | 176.85 | 176.89 | 176.70 | 176.73 | 176.86 | 176.52 | 176.47 | 176.39 | 176.33 | 11 |
| 12 | 176.92 | 176.75 | 176.71 | 176.88 | 176.72 | 176.77 | 176.72 | 176.57 | 176.85 | 176.49 | 176.41 | 176.38 | 12 |
| 13 | 176.83 | 176.72 | 176.89 | 176.70 | 176.85 | 176.73 | 176.76 | 176.68 | 176.80 | 176.47 | 176.40 | 176.44 | 13 |
| 14 | 176.85 | 176.82 | 176.85 | 176.83 | 176.89 | 176.74 | 176.75 | 176.68 | 176.81 | 176.56 | 176.37 | 176.36 | 14 |
| 15 | 176.86 | 176.88 | 176.83 | 176.83 | 176.72 | 176.75 | 176.88 | 176.85 | 176.86 | 176.44 | 176.26 | 176.11 | 15 |
| 16 | 176.86 | 176.85 | 176.85 | 176.88 | 176.70 | 176.73 | 176.86 | 176.87 | 176.84 | 176.37 | 176.25 | 176.29 | 16 |
| 17 | 176.80 | 176.83 | 176.88 | 176.89 | 176.89 | 176.70 | 176.72 | 176.74 | 176.42 | 176.48 | 176.32 | 176.35 | 17 |
| 18 | 176.85 | 176.88 | 176.84 | 176.71 | 176.80 | 176.89 | 176.75 | 176.73 | 176.42 | 176.84 | 176.49 | 176.36 | 18 |
| 19 | 176.77 | 176.71 | 176.84 | 176.89 | 176.88 | 176.72 | 176.87 | 176.74 | 176.47 | 176.44 | 176.80 | 176.42 | 19 |
| 20 | 176.83 | 176.70 | 176.70 | 176.88 | 176.84 | 176.85 | 176.77 | 176.89 | 176.48 | 176.38 | 176.38 | 176.37 | 20 |
| 21 | 176.92 | 176.70 | 176.89 | 176.70 | 176.85 | 176.86 | 176.75 | 176.88 | 176.48 | 176.40 | 176.31 | 176.61 | 21 |
| 22 | 176.82 | 176.88 | 176.87 | 176.83 | 176.88 | 176.88 | 176.72 | 176.78 | 176.51 | 176.40 | 176.33 | 176.43 | 22 |
| 23 | 176.95 | 176.72 | 176.85 | 176.89 | 176.73 | 176.71 | 176.74 | 176.74 | 176.81 | 176.37 | 176.35 | 176.39 | 23 |
| 24 | 176.98 | 176.73 | 176.81 | 176.70 | 176.71 | 176.71 | 176.76 | 176.88 | 176.53 | 176.43 | 176.38 | 176.27 | 24 |
| 25 | 176.86 | 176.70 | 176.60 | 176.70 | 176.69 | 176.70 | 176.73 | 176.88 | 176.56 | 176.45 | 176.15 | 176.36 | 25 |
| 26 | 176.78 | 176.88 | 176.72 | 176.88 | 176.83 | 176.77 | 176.73 | 176.80 | 176.88 | 176.44 | 176.24 | 176.37 | 26 |
| 27 | 176.86 | 176.85 | 176.88 | 176.74 | 176.70 | 176.77 | 176.72 | 176.80 | 176.47 | 176.48 | 176.23 | 176.43 | 27 |
| 28 | 176.83 | 176.81 | 176.89 | 176.81 | 176.71 | 176.78 | 176.86 | 176.82 | 176.53 | 176.44 | 176.14 | 176.24 | 28 |
| 29 | 176.73 | | 176.85 | 176.77 | 176.71 | 176.73 | 176.86 | 176.84 | 176.57 | 176.41 | 176.19 | 176.24 | 29 |
| 30 | 176.88 | | 176.75 | 176.81 | 176.72 | 176.76 | 176.85 | 176.89 | 176.55 | 176.47 | 176.33 | 176.30 | 30 |
| 31 | 176.79 | | 176.75 | | 176.73 | | 176.89 | 176.71 | | 176.38 | | 176.80 | 31 |
| MEAN | 176.84 | 176.72 | 176.67 | 176.89 | 176.89 | 176.73 | 176.71 | 176.65 | 176.55 | 176.48 | 176.35 | 176.35 | MEAN |
| MAX | 176.98 | 176.84 | 176.81 | 176.81 | 176.81 | 176.78 | 176.77 | 176.78 | 176.70 | 176.63 | 176.60 | 176.61 | MAX |
| MIN | 176.68 | 176.61 | 176.51 | 176.60 | 176.58 | 176.65 | 176.59 | 176.58 | 176.42 | 176.37 | 176.14 | 176.11 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 176.82
MAXIMUM DAILY, 176.98 ON JAN 24
MINIMUM DAILY, 176.11 ON DEC 15
MAXIMUM INSTANTANEOUS,
177.07 AT 22:45 EST ON JAN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 18 N
LONG 80 02 09 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11375 PARRY SOUND

## LAKE HURON AT THESSALON - STATION NO 02CA006

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 176.98 | 176.88 | 176.70 | 176.84 | 176.82 | 176.83 | 176.79 | 176.74 | 176.70 | 176.69 | 176.43 | 176.35 | 1 |
| 2 | 176.90 | 176.86 | 176.71 | 176.88 | 176.80 | 176.84 | 176.78 | 176.77 | 176.66 | 176.54 | 176.46 | 176.43 | 2 |
| 3 | 176.82 | 176.85 | 176.80 | 176.75 | 176.77 | 176.83 | 176.79 | 176.76 | 176.67 | 176.54 | 176.51 | 176.42 | 3 |
| 4 | 176.97 | 176.85 | 176.81 | 176.77 | 176.79 | 176.84 | 176.80 | 176.71 | 176.67 | 176.64 | 176.50 | 176.34 | 4 |
| 5 | 176.97 | 176.89 | 176.81 | 176.74 | 176.81 | 176.81 | 176.77 | 176.71 | 176.67 | 176.65 | 176.46 | 176.39 | 5 |
| 6 | 176.97 | 176.89 | 176.81 | 176.75 | 176.80 | 176.81 | 176.76 | 176.76 | 176.67 | 176.59 | 176.49 | 176.38 | 6 |
| 7 | 176.87 | 176.88 | 176.84 | 176.78 | 176.81 | 176.83 | 176.79 | 176.73 | 176.64 | 176.47 | 176.50 | 176.40 | 7 |
| 8 | 176.86 | 176.87 | 176.82 | 176.78 | 176.81 | 176.83 | 176.80 | 176.73 | 176.64 | 176.55 | 176.48 | 176.39 | 8 |
| 9 | 176.98 | 176.85 | 176.88 | 176.81 | 176.87 | 176.80 | 176.81 | 176.69 | 176.65 | 176.58 | 176.44 | 176.44 | 9 |
| 10 | 176.87 | 176.89 | 176.71 | 176.81 | 176.80 | 176.81 | 176.81 | 176.69 | 176.66 | 176.64 | 176.43 | 176.46 | 10 |
| 11 | 176.88 | 176.85 | 176.77 | 176.78 | 176.77 | 176.83 | 176.81 | 176.72 | 176.66 | 176.53 | 176.47 | 176.48 | 11 |
| 12 | 176.84 | 176.80 | 176.79 | 176.77 | 176.80 | 176.83 | 176.81 | 176.73 | 176.67 | 176.55 | 176.48 | 176.41 | 12 |
| 13 | 176.95 | 176.83 | 176.80 | 176.80 | 176.80 | 176.82 | 176.78 | 176.72 | 176.67 | 176.56 | 176.44 | 176.46 | 13 |
| 14 | 176.83 | 176.78 | 176.79 | 176.75 | 176.79 | 176.81 | 176.78 | 176.72 | 176.66 | 176.60 | 176.44 | 176.43 | 14 |
| 15 | 176.89 | 176.78 | 176.77 | 176.76 | 176.81 | 176.81 | 176.78 | 176.77 | 176.66 | 176.53 | 176.43 | 176.36 | 15 |
| 16 | 176.82 | 176.80 | 176.78 | 176.80 | 176.81 | 176.81 | 176.77 | 176.80 | 176.63 | 176.53 | 176.43 | 176.28 | 16 |
| 17 | 176.84 | 176.77 | 176.78 | 176.81 | 176.80 | 176.79 | 176.81 | 176.78 | 176.60 | 176.54 | 176.49 | 176.41 | 17 |
| 18 | 176.81 | 176.78 | 176.78 | 176.83 | 176.73 | 176.80 | 176.80 | 176.79 | 176.58 | 176.57 | 176.44 | 176.48 | 18 |
| 19 | 176.80 | 176.81 | 176.72 | 176.81 | 176.74 | 176.80 | 176.80 | 176.76 | 176.66 | 176.51 | 176.54 | 176.48 | 19 |
| 20 | 176.91 | 176.82 | 176.76 | 176.82 | 176.78 | 176.78 | 176.80 | 176.78 | 176.67 | 176.51 | 176.37 | 176.42 | 20 |
| 21 | 176.84 | 176.83 | 176.79 | 176.77 | 176.80 | 176.77 | 176.80 | 176.77 | 176.61 | 176.48 | 176.39 | 176.50 | 21 |
| 22 | 176.81 | 176.83 | 176.77 | 176.77 | 176.80 | 176.79 | 176.79 | 176.68 | 176.62 | 176.53 | 176.48 | 176.48 | 22 |
| 23 | 176.78 | 176.81 | 176.78 | 176.78 | 176.79 | 176.81 | 176.81 | 176.71 | 176.67 | 176.47 | 176.44 | 176.44 | 23 |
| 24 | 176.83 | 176.82 | 176.76 | 176.81 | 176.81 | 176.81 | 176.81 | 176.73 | 176.69 | 176.48 | 176.41 | 176.44 | 24 |
| 25 | 176.86 | 176.82 | 176.76 | 176.80 | 176.78 | 176.81 | 176.77 | 176.73 | 176.63 | 176.51 | 176.33 | 176.38 | 25 |
| 26 | 176.89 | 176.81 | 176.79 | 176.81 | 176.78 | 176.83 | 176.79 | 176.68 | 176.63 | 176.57 | 176.37 | 176.48 | 26 |
| 27 | 176.82 | 176.81 | 176.80 | 176.83 | 176.82 | 176.80 | 176.75 | 176.67 | 176.61 | 176.48 | 176.38 | 176.48 | 27 |
| 28 | 176.88 | 176.76 | 176.78 | 176.86 | 176.82 | 176.83 | 176.75 | 176.69 | 176.65 | 176.51 | 176.33 | 176.37 | 28 |
| 29 | 176.88 | | 176.77 | 176.81 | 176.83 | 176.81 | 176.78 | 176.71 | 176.63 | 176.48 | 176.35 | 176.32 | 29 |
| 30 | 176.80 | | 176.75 | 176.82 | 176.83 | 176.80 | 176.73 | 176.76 | 176.57 | 176.50 | 176.37 | 176.48 | 30 |
| 31 | 176.81 | | 176.77 | | 176.83 | | 176.72 | 176.89 | | 176.47 | | 176.48 | 31 |
| MEAN | 176.91 | 176.82 | 176.77 | 176.79 | 176.80 | 176.81 | 176.78 | 176.73 | 176.64 | 176.54 | 176.43 | 176.42 | MEAN |
| MAX | 176.98 | 176.89 | 176.84 | 176.85 | 176.87 | 176.84 | 176.81 | 176.80 | 176.70 | 176.69 | 176.54 | 176.50 | MAX |
| MIN | 176.78 | 176.67 | 176.68 | 176.68 | 176.73 | 176.77 | 176.72 | 176.67 | 176.57 | 176.47 | 176.33 | 176.28 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 176.70
MAXIMUM DAILY, 176.98 ON JAN 1
MINIMUM DAILY, 176.28 ON DEC 16
MAXIMUM INSTANTANEOUS,
177.08 AT 15 EST ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 15 11 N
LONG 83 33 07 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11070 THESSALON

## LAKE HURON AT TOBERMORY - STATION NO 02FA003

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 176.84 | 176.84 | 176.83 | 176.73 | 176.80 | 176.78 | 176.78 | 176.86 | 176.71 | 176.62 | 176.40 | 176.36 | 1 |
| 2 | 176.86 | 176.87 | 176.81 | 176.89 | 176.78 | 176.80 | 176.78 | 176.73 | 176.65 | 176.64 | 176.41 | 176.45 | 2 |
| 3 | 176.90 | 176.87 | 176.83 | 176.78 | 176.74 | 176.83 | 176.78 | 176.78 | 176.63 | 176.58 | 176.48 | 176.41 | 3 |
| 4 | --- | 176.81 | 176.78 | 176.74 | 176.78 | 176.83 | 176.80 | 176.72 | 176.62 | 176.61 | 176.51 | 176.37 | 4 |
| 5 | --- | 176.80 | 176.75 | 176.72 | 176.76 | 176.81 | 176.74 | 176.67 | 176.62 | 176.62 | 176.57 | 176.40 | 5 |
| 6 | 176.83 | 176.80 | 176.74 | 176.75 | 176.78 | 176.74 | 176.70 | 176.62 | 176.60 | 176.54 | 176.37 | 6 |
| 7 | 176.83 | 176.86 | 176.83 | 176.76 | 176.78 | 176.79 | 176.76 | 176.73 | 176.63 | 176.55 | 176.49 | 176.34 | 7 |
| 8 | 176.87 | 176.78 | 176.78 | 176.78 | 176.77 | 176.84 | 176.77 | 176.71 | 176.62 | 176.55 | 176.48 | 176.35 | 8 |
| 9 | 176.84 | 176.85 | 176.85 | 176.77 | 176.83 | 176.81 | 176.77 | 176.66 | 176.64 | 176.61 | 176.48 | 176.41 | 9 |
| 10 | 176.83 | 176.86 | 176.70 | 176.76 | 176.75 | 176.79 | 176.78 | 176.69 | 176.61 | 176.57 | 176.43 | 176.47 | 10 |
| 11 | 176.84 | 176.81 | 176.78 | 176.72 | 176.78 | 176.78 | 176.79 | 176.65 | 176.59 | 176.53 | 176.45 | 176.42 | 11 |
| 12 | 176.77 | 176.82 | 176.78 | 176.74 | 176.78 | 176.83 | 176.79 | 176.65 | 176.62 | 176.54 | 176.47 | 176.43 | 12 |
| 13 | 177.01 | 176.81 | 176.77 | 176.76 | 176.72 | 176.80 | 176.81 | 176.68 | 176.65 | 176.52 | 176.46 | 176.48 | 13 |
| 14 | 176.92 | 176.72 | 176.73 | 176.71 | 176.75 | 176.80 | 176.81 | 176.66 | 176.64 | 176.58 | 176.43 | 176.42 | 14 |
| 15 | 176.93 | 176.77 | 176.71 | 176.71 | 176.77 | 176.81 | 176.74 | 176.72 | 176.62 | 176.50 | 176.36 | 176.36 | 15 |
| 16 | 176.84 | 176.75 | 176.72 | 176.78 | 176.76 | 176.80 | 176.73 | 176.75 | 176.60 | 176.45 | 176.37 | 176.36 | 16 |
| 17 | 176.89 | 176.71 | 176.75 | 176.78 | 176.78 | 176.77 | 176.77 | 176.79 | 176.54 | 176.53 | 176.40 | 176.40 | 17 |
| 18 | 176.90 | 176.78 | 176.71 | 176.77 | 176.68 | 176.77 | 176.79 | 176.79 | 176.53 | 176.57 | 176.49 | 176.42 | 18 |
| 19 | 176.87 | 176.78 | 176.71 | 176.78 | 176.67 | 176.78 | 176.78 | 176.79 | 176.60 | 176.50 | 176.57 | 176.45 | 19 |
| 20 | 176.90 | 176.78 | 176.76 | 176.75 | 176.73 | 176.73 | 176.80 | 176.77 | 176.59 | 176.47 | 176.45 | 176.41 | 20 |
| 21 | 176.86 | 176.78 | 176.75 | 176.77 | 176.73 | 176.73 | 176.78 | 176.76 | 176.67 | 176.47 | 176.39 | 176.34 | 21 |
| 22 | 176.81 | 176.76 | 176.74 | 176.71 | 176.75 | 176.77 | 176.79 | 176.78 | 176.59 | 176.48 | 176.41 | 176.47 | 22 |
| 23 | 176.85 | 176.78 | 176.73 | 176.76 | 176.76 | 176.78 | 176.81 | 176.77 | 176.66 | 176.45 | 176.41 | 176.43 | 23 |
| 24 | 177.03 | 176.79 | 176.70 | 176.77 | 176.76 | 176.77 | 176.78 | 176.72 | 176.61 | 176.50 | 176.43 | 176.37 | 24 |
| 25 | 176.95 | 176.77 | 176.71 | 176.76 | 176.73 | 176.78 | 176.76 | 176.71 | 176.61 | 176.51 | 176.34 | 176.40 | 25 |
| 26 | 176.87 | 176.78 | 176.78 | 176.76 | 176.72 | 176.82 | 176.77 | 176.66 | 176.63 | 176.51 | 176.34 | 176.42 | 26 |
| 27 | 176.82 | 176.73 | 176.76 | 176.80 | 176.77 | 176.82 | 176.74 | 176.65 | 176.58 | 176.53 | 176.33 | 176.46 | 27 |
| 28 | 176.89 | 176.70 | 176.76 | 176.85 | 176.78 | 176.81 | --- | 176.67 | 176.60 | 176.51 | 176.35 | 176.33 | 28 |
| 29 | 176.82 | | 176.73 | 176.83 | 176.78 | 176.80 | --- | 176.66 | 176.62 | 176.46 | 176.34 | 176.33 | 29 |
| 30 | 176.78 | | 176.79 | 176.83 | 176.79 | 176.80 | 176.70 | 176.72 | 176.62 | 176.51 | 176.39 | 176.39 | 30 |
| 31 | 176.86 | | 176.80 | | 176.80 | | 176.67 | 176.72 | | 176.45 | | 176.48 | 31 |
| MEAN | --- | 176.80 | 176.75 | 176.76 | 176.76 | 176.79 | --- | 176.71 | 176.61 | 176.53 | 176.43 | 176.41 | MEAN |
| MAX | --- | 176.91 | 176.83 | 176.85 | 176.83 | 176.84 | --- | 176.79 | 176.71 | 176.64 | 176.57 | 176.54 | MAX |
| MIN | --- | 176.70 | 176.63 | 176.69 | 176.67 | 176.73 | --- | 176.66 | 176.53 | 176.45 | 176.33 | 176.33 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 177.03 ON JAN 24
MINIMUM DAILY, 176.33 ON NOV 27
MAXIMUM INSTANTANEOUS,
177.07 AT 21:30 EST ON JAN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 31 N
LONG 81 39 57 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11690 TOBERMORY

LAKE NIPISSING AT MACDIARMID  STATION NO  02ADOC1

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 259.660E | 259.560E | 259.480 | 259.390 | 259.380 | 259.480 | 259.520 | 259.620 | 259.680 | 259.630 | 259.540 | 259.510 | 1 |
| 2 | 259.680E | 259.560E | 259.500 | 259.380 | 259.380 | 259.480 | 259.540 | 259.620 | 259.640 | 259.670 | 259.540 | 259.500 | 2 |
| 3 | 259.670E | 259.560E | 259.480 | 259.380 | 259.380 | 259.480 | 259.540 | 259.630 | 259.610 | 259.600 | 259.550 | 259.500 | 3 |
| 4 | 259.670E | 259.550E | 259.490E | 259.380 | 259.380 | 259.430 | 259.550 | 259.630 | 259.610 | 259.590 | 259.570 | 259.480 | 4 |
| 5 | 259.660E | 259.550E | 259.480E | 259.380 | 259.390 | 259.480 | 259.550 | 259.610 | 259.630 | 259.610 | 259.570 | 259.480 | 5 |
| 6 | 259.670E | 259.550E | 259.480E | 259.380 | 259.370 | 259.480 | 259.550 | 259.600 | 259.640 | 259.600 | 259.580 | 259.470 | 6 |
| 7 | 259.670E | 259.570E | 259.480E | 259.350 | 259.370 | 259.480 | 259.540 | 259.620 | 259.630 | 259.600 | 259.540 | 259.480 | 7 |
| 8 | 259.660E | 259.550E | 259.470E | 259.340 | 259.380 | 259.500 | 259.570 | 259.600 | 259.640 | 259.580 | 259.550 | 259.480 | 8 |
| 9 | 259.660E | 259.540E | 259.470 | 259.340 | 259.380 | 259.490 | 259.570 | 259.610 | 259.640 | 259.600 | 259.550 | 259.480 | 9 |
| 10 | 259.650E | 259.550E | 259.470 | 259.340 | 259.370 | 259.500 | 259.550 | 259.620 | 259.640 | 259.590 | 259.520 | 259.470 | 10 |
| 11 | 259.650E | 259.550E | 259.470 | 259.350 | 259.390 | 259.490 | 259.540 | 259.590 | 259.650 | 259.580 | 259.510 | 259.470 | 11 |
| 12 | 259.640E | 259.550E | 259.480 | 259.340 | 259.380 | 259.500 | 259.540 | 259.620 | 259.650 | 259.580 | 259.510 | 259.500 | 12 |
| 13 | 259.630E | 259.550E | 259.480 | 259.330 | 259.340 | 259.510 | 259.590 | 259.640 | 259.650 | 259.550 | 259.530 | 259.500 | 13 |
| 14 | 259.640E | 259.540E | 259.480 | 259.340 | 259.380 | 259.480 | 259.580 | 259.640 | 259.650 | 259.570 | 259.520 | 259.490 | 14 |
| 15 | 259.630E | 259.540E | 259.480 | 259.340 | 259.370 | 259.510 | 259.580 | 259.640 | 259.650 | 259.570 | 259.500 | 259.500 | 15 |
| 16 | 259.610E | 259.540E | 259.480 | 259.330 | 259.370 | 259.520 | 259.580 | 259.630 | 259.650 | 259.580 | 259.510 | 259.500 | 16 |
| 17 | 259.610E | 259.530E | 259.450 | 259.330 | 259.380 | 259.510 | 259.570 | 259.670 | 259.650 | 259.580 | 259.570 | 259.470 | 17 |
| 18 | 259.620E | 259.530E | 259.440 | 259.340 | 259.380 | 259.520 | 259.580 | 259.650 | 259.640 | 259.570 | 259.520 | 259.480 | 18 |
| 19 | 259.620E | 259.520E | 259.440 | 259.340 | 259.370 | 259.520 | 259.580 | 259.670 | 259.640 | 259.570 | 259.580 | 259.480 | 19 |
| 20 | 259.610E | 259.510E | 259.430 | 259.340 | 259.380 | 259.520 | 259.580 | 259.650 | 259.640 | 259.570 | 259.580 | 259.470 | 20 |
| 21 | 259.620E | 259.510E | 259.430 | 259.380 | 259.420 | 259.510 | 259.590 | 259.650 | 259.650 | 259.570 | 259.500 | 259.480 | 21 |
| 22 | 259.610E | 259.520E | 259.420 | 259.330 | 259.430 | 259.530 | 259.600 | 259.650 | 259.640 | 259.580 | 259.510 | 259.480 | 22 |
| 23 | 259.600E | 259.510E | 259.420 | 259.380 | 259.430 | 259.530 | 259.620 | 259.680 | 259.650 | 259.580 | 259.530 | 259.470 | 23 |
| 24 | 259.600E | 259.510E | 259.420 | 259.340 | 259.430 | 259.530 | 259.620 | 259.650 | 259.640 | 259.580 | 259.510 | 259.470 | 24 |
| 25 | 259.590E | 259.500E | 259.430 | 259.340 | 259.430 | 259.540 | 259.620 | 259.650 | 259.630 | 259.530 | 259.510 | 259.470 | 25 |
| 26 | 259.580E | 259.490E | 259.410 | 259.340 | 259.440 | 259.580 | 259.630 | 259.650 | 259.630 | 259.540 | 259.500 | 259.480 | 26 |
| 27 | 259.580E | 259.480E | 259.410 | 259.380 | 259.450 | 259.580 | 259.630 | 259.650 | 259.610 | 259.570 | 259.500 | 259.470 | 27 |
| 28 | 259.570E | 259.480E | 259.410 | 259.380 | 259.460 | 259.540 | 259.630 | 259.640 | 259.640 | 259.600 | 259.600 | 259.480 | 28 |
| 29 | 259.570E |  | 259.400 | 259.400 | 259.460 | 259.580 | 259.630 | 259.630 | 259.650 | 259.530 | 259.510 | 259.450 | 29 |
| 30 | 259.570E |  | 259.380 | 259.380 | 259.460 | 259.580 | 259.630 | 259.670 | 259.640 | 259.570 | 259.510 | 259.430 | 30 |
| 31 | 259.580E |  | 259.380 |  | 259.470 |  | 259.630 | 259.670 |  | 259.540 |  | 259.480 | 31 |
| MEAN | 259.625 | 259.534 | 259.447 | 259.380 | 259.394 | 259.508 | 259.585 | 259.640 | 259.638 | 259.578 | 259.529 | 259.475 | MEAN |
| MAX | 259.680 | 259.570 | 259.500 | 259.400 | 259.470 | 259.580 | 259.630 | 259.680 | 259.650 | 259.670 | 259.570 | 259.510 | MAX |
| MIN | 259.580 | 259.480 | 259.380 | 259.330 | 259.340 | 259.430 | 259.620 | 259.590 | 259.610 | 259.530 | 259.500 | 259.430 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 259.525
MAXIMUM DAILY 259.680 ON AUG 22
MINIMUM DAILY 259.330 ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 02 N
LONG 84 07 55 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE NIPISSING AT FRENCH RIVER OUTLET - STATION NO 02DD021

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.043 | 4.851 | 4.643 | 4.709 | 5.227 | 5.316 | 5.412 | 5.347 | 5.284 | 5.236 | 5.270 | 5.173 | 1 |
| 2 | 5.029 | 4.846 | 4.635 | 4.741 | 5.232 | 5.317 | 5.412 | 5.342 | 5.281 | 5.218 | 5.269 | 5.168 | 2 |
| 3 | 5.022 | 4.837 | 4.632 | 4.776 | 5.227 | 5.322 | 5.406 | 5.341 | 5.283 | 5.264 | 5.264 | 5.168 | 3 |
| 4 | 5.012 | 4.828 | 4.618 | 4.800 | 5.230 | 5.329 | 5.413 | 5.340 | 5.277 | 5.231 | 5.269 | 5.159 | 4 |
| 5 | 5.013 | 4.827 | 4.609 | 4.828 | 5.231 | 5.332 | 5.412 | 5.343 | 5.284 | 5.235 | 5.274 | 5.162 | 5 |
| 6 | 5.007 | 4.817 | 4.588 | 4.850 | 5.223 | 5.328 | 5.417 | 5.325 | 5.284 | 5.240 | 5.267 | 5.150 | 6 |
| 7 | 4.998 | 4.811 | 4.586 | 4.878 | 5.234 | 5.338 | 5.409 | 5.319 | 5.283 | 5.244 | 5.263 | 5.150 | 7 |
| 8 | 4.992 | 4.812 | 4.585 | 4.917 | 5.227 | 5.367 | 5.418 | 5.321 | 5.274 | 5.250 | 5.263 | 5.154 | 8 |
| 9 | 4.983 | 4.808 | 4.584 | 4.951 | 5.203 | 5.378 | 5.412 | 5.322 | 5.284 | 5.240 | 5.267 | 5.154 | 9 |
| 10 | 4.984 | 4.803 | 4.583 | 4.990 | 5.230 | 5.387 | 5.401 | 5.325 | 5.286 | 5.238 | 5.261 | 5.142 | 10 |
| 11 | 4.976 | 4.792 | 4.582 | 5.014 | 5.221 | 5.387 | 5.408 | 5.317 | 5.288 | 5.234 | 5.253 | 5.150 | 11 |
| 12 | 4.971 | 4.786 | 4.567 | 5.032 | 5.228 | 5.367 | 5.406 | 5.308 | 5.282 | 5.234 | 5.247 | 5.152 | 12 |
| 13 | 4.956 | 4.774 | 4.533 | 5.066 | 5.215 | 5.389 | 5.408 | 5.303 | 5.280 | 5.231 | 5.241 | 5.164 | 13 |
| 14 | 4.951 | 4.782 | 4.521 | 5.088 | 5.200 | 5.403 | 5.417 | 5.308 | 5.256 | 5.226 | 5.234 | 5.164 | 14 |
| 15 | 4.948 | 4.756 | 4.514 | 5.116 | 5.222 | 5.408 | 5.408 | 5.315 | 5.247 | 5.230 | 5.228 | 5.169 | 15 |
| 16 | 4.938 | 4.749 | 4.505 | 5.132 | 5.211 | 5.421 | 5.387 | 5.337 | 5.246 | 5.231 | 5.227 | 5.160 | 16 |
| 17 | 4.940 | 4.743 | 4.492 | 5.128 | 5.218 | 5.415 | 5.385 | 5.330 | 5.250 | 5.229 | 5.213 | 5.164 | 17 |
| 18 | 4.938 | 4.733 | 4.491 | 5.143 | 5.228 | 5.408 | 5.378 | 5.333 | 5.247 | 5.233 | 5.199 | 5.158 | 18 |
| 19 | 4.932 | 4.720 | 4.482 | 5.158 | 5.225 | 5.420 | 5.390 | 5.332 | 5.234 | 5.220 | 5.201 | 5.159 | 19 |
| 20 | 4.929 | 4.710 | 4.470 | 5.169 | 5.218 | 5.429 | 5.383 | 5.327 | 5.240 | 5.224 | 5.225 | 5.164 | 20 |
| 21 | 4.917 | 4.705 | 4.483 | 5.170 | 5.215 | 5.418 | 5.383 | 5.336 | 5.257 | 5.228 | 5.218 | 5.167 | 21 |
| 22 | 4.920 | 4.698 | 4.458 | 5.160 | 5.227 | 5.423 | 5.381 | 5.334 | 5.265 | 5.231 | 5.187 | 5.148 | 22 |
| 23 | 4.905 | 4.688 | 4.451 | 5.184 | 5.236 | 5.418 | 5.374 | 5.330 | 5.251 | 5.221 | 5.168 | 5.136 | 23 |
| 24 | 4.909 | 4.675 | 4.457 | 5.197 | 5.243 | 5.412 | 5.371 | 5.327 | 5.249 | 5.226 | 5.179 | 5.132 | 24 |
| 25 | 4.903 | 4.684 | 4.464 | 5.183 | 5.248 | 5.409 | 5.383 | 5.323 | 5.244 | 5.243 | 5.180 | 5.131 | 25 |
| 26 | 4.897 | 4.659 | 4.475 | 5.182 | 5.251 | 5.408 | 5.384 | 5.314 | 5.233 | 5.228 | 5.170 | 5.123 | 26 |
| 27 | 4.884 | 4.648 | 4.506 | 5.188 | 5.285 | 5.408 | 5.370 | 5.303 | 5.228 | 5.243 | 5.172 | 5.118 | 27 |
| 28 | 4.878 | 4.644 | 4.527 | 5.205 | 5.280 | 5.411 | 5.382 | 5.300 | 5.224 | 5.247 | 5.172 | 5.104 | 28 |
| 29 | 4.870 |  | 4.554 | 5.215 | 5.282 | 5.409 | 5.383 | 5.295 | 5.229 | 5.263 | 5.187 | 5.092 | 29 |
| 30 | 4.863 |  | 4.610 | 5.224 | 5.288 | 5.407 | 5.372 | 5.288 | 5.258 | 5.265 | 5.182 | 5.077 | 30 |
| 31 | 4.857 |  | 4.672 |  | 5.294 |  | 5.344 | 5.305 |  | 5.271 |  | 5.072 | 31 |
| MEAN | 4.947 | 4.744 | 4.542 | 5.048 | 5.234 | 5.385 | 5.394 | 5.323 | 5.255 | 5.237 | 5.229 | 5.145 | MEAN |
| MAX | 5.043 | 4.851 | 4.672 | 5.236 | 5.294 | 5.429 | 5.418 | 5.347 | 5.284 | 5.271 | 5.283 | 5.180 | MAX |
| MIN | 4.857 | 4.498 | 4.451 | 4.709 | 5.200 | 5.316 | 5.344 | 5.288 | 5.224 | 5.215 | 5.167 | 5.072 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 5.135
MAXIMUM DAILY 5.429 ON JUN 30
MINIMUM DAILY 4.451 ON MAR 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 33 N
LONG 80 00 42 W
DATA CONTRIBUTED BY -
DEPARTMENT OF PUBLIC WORKS (CANADA)

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 185.085 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - ADD 190.000 m TO CONVERT TO FRENCH RIVER DATUM

## LAKE NIPISSING AT NORTH BAY - STATION NO 02DD006

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 195.102 | 194.915 | 194.701 | 194.766 | 195.314 | 195.384 | 195.479E | 195.395 | 195.383E | 195.288E | 195.319 | 195.241 | 1 |
| 2 | 195.102 | 194.915 | 194.714 | 194.800 | 195.286 | 195.392 | 195.473E | 195.385 | 195.347 | 195.320E | 195.310 | 195.248 | 2 |
| 3 | 195.085 | 194.911 | 194.703 | 194.837 | 195.282 | 195.413 | 195.467E | 195.412 | 195.349 | 195.307 | 195.331 | 195.238 | 3 |
| 4 | 195.086 | 194.903 | 194.890 | 194.862 | 195.287 | 195.412 | 195.489E | 195.404 | 195.341 | 195.304 | 195.356 | 195.238 | 4 |
| 5 | 195.080 | 194.892 | 194.880 | 194.888 | 195.303 | 195.405 | 195.481E | 195.389 | 195.337 | 195.288E | 195.361 | 195.244 | 5 |
| 6 | 195.073 | 194.887 | 194.889 | 194.913 | 195.307 | 195.408 | 195.474E | 195.381 | 195.337 | 195.288E | 195.388 | 195.237 | 6 |
| 7 | 195.075 | 194.884 | 194.894 | 194.950 | 195.312 | 195.389 | 195.484E | 195.385 | 195.339 | 195.308E | 195.374 | 195.224 | 7 |
| 8 | 195.085 | 194.883 | 194.892 | 194.989 | 195.313 | 195.427 | 195.467 | 195.398 | 195.326 | 195.319E | 195.335 | 195.220 | 8 |
| 9 | 195.080 | 194.880 | 194.948 | 195.022 | 195.331 | 195.434 | 195.485 | 195.386 | 195.341 | 195.307E | 195.333 | 195.217 | 9 |
| 10 | 195.084 | 194.878 | 194.933 | 195.054 | 195.285 | 195.482 | 195.498 | 195.378 | 195.328 | 195.319E | 195.316 | 195.228 | 10 |
| 11 | 195.081 | 194.888 | 194.934 | 195.082 | 195.282 | 195.483 | 195.494 | 195.387 | 195.315 | 195.304E | 195.321 | 195.224 | 11 |
| 12 | 195.045 | 194.882 | 194.914 | 195.112 | 195.286 | 195.482 | 195.489 | 195.389 | 195.317E | 195.301E | 195.320 | 195.225 | 12 |
| 13 | 195.034 | 194.884 | 194.907 | 195.136 | 195.288E | 195.487 | 195.502 | 195.384 | 195.330E | 195.307E | 195.310 | 195.243 | 13 |
| 14 | 195.026 | 194.846 | 194.887 | 195.184 | 195.288E | 195.481 | 195.488 | 195.384 | 195.381E | 195.328 | 195.304 | 195.242 | 14 |
| 15 | 195.020 | 194.837 | 194.888 | 195.172 | 195.280E | 195.486 | 195.481 | 195.383 | 195.337E | 195.283 | 195.276 | 195.200 | 15 |
| 16 | 195.011 | 194.834 | 194.877 | 195.190 | 195.301E | 195.481 | 195.478 | 195.414 | 195.328E | 195.288 | 195.289 | 195.269 | 16 |
| 17 | 195.000 | 194.813 | 194.888 | 195.203 | 195.285E | 195.480E | 195.481E | 195.435 | 195.280E | 195.300 | 195.286 | 195.281 | 17 |
| 18 | 195.000 | 194.803 | 194.888 | 195.213 | 195.274E | 195.488E | 195.478E | 195.419 | 195.272E | 195.319 | 195.313 | 195.240 | 18 |
| 19 | 194.997 | 194.784 | 194.848 | 195.224 | 195.281E | 195.488E | 195.475E | 195.432 | 195.263E | 195.303 | 195.320 | 195.241 | 19 |
| 20 | 194.988 | 194.784 | 194.838 | 195.235 | 195.287E | 195.470E | 195.473E | 195.423 | 195.288E | 195.285 | 195.282 | 195.240 | 20 |
| 21 | 194.987 | 194.772 | 194.830 | 195.231 | 195.281E | 195.481E | 195.471E | 195.412 | 195.278E | 195.290 | 195.283 | 195.241 | 21 |
| 22 | 194.976 | 194.766 | 194.820 | 195.238 | 195.278E | 195.478E | 195.470E | 195.433 | 195.297E | 195.281 | 195.286 | 195.230 | 22 |
| 23 | 194.963 | 194.758 | 194.818 | 195.250 | 195.268E | 195.482E | 195.470E | 195.438 | 195.314E | 195.288 | 195.246 | 195.228 | 23 |
| 24 | 194.972 | 194.746 | 194.818 | 195.253 | 195.303E | 195.487E | 195.483 | 195.418 | 195.318E | 195.283 | 195.253 | 195.211 | 24 |
| 25 | 194.988 | 194.737 | 194.833 | 195.256 | 195.314E | 195.488E | 195.487 | 195.398E | 195.318E | 195.325 | 195.313 | 195.218 | 25 |
| 26 | 194.987 | 194.727 | 194.848 | 195.258 | 195.313E | 195.483E | 195.481 | 195.382E | 195.312E | 195.306 | 195.231 | 195.205 | 26 |
| 27 | 194.948 | 194.716 | 194.872 | 195.271 | 195.336E | 195.488E | 195.448 | 195.388E | 195.278E | 195.312 | 195.220 | 195.198 | 27 |
| 28 | 194.948 | 194.710 | 194.888 | 195.283 | 195.348E | 195.501E | 195.434 | 195.388E | 195.290E | 195.323 | 195.198 | 195.186 | 28 |
| 29 | 194.941 | | 194.820 | 195.284 | 195.360E | 195.487E | 195.430 | 195.383E | 195.301E | 195.318 | 195.208 | 195.177 | 29 |
| 30 | 194.932 | | 194.877 | 195.327 | 195.373E | 195.501E | 195.407 | 195.370E | 195.288E | 195.332 | 195.228 | 195.186 | 30 |
| 31 | 194.931 | | 194.733 | | 195.378E | | 195.408 | 195.381E | | 195.332 | | 195.143 | 31 |
| MEAN | 195.018 | 194.828 | 194.810 | 195.118 | 195.304 | 195.488 | 195.470 | 195.393 | 195.318 | 195.305 | 195.282 | 195.223 | MEAN |
| MAX | 195.102 | 194.915 | 194.733 | 195.327 | 195.378 | 195.501 | 195.502 | 195.438 | 195.383 | 195.332 | 195.374 | 195.269 | MAX |
| MIN | 194.931 | 194.710 | 194.818 | 194.788 | 195.269 | 195.384 | 195.408 | 195.368 | 195.263 | 195.288 | 195.189 | 195.143 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 195.196
MAXIMUM DAILY, 195.502 ON JUL 13
MINIMUM DAILY, 194.818 ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 40 N
LONG 79 26 25 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

## LAKE OF THE WOODS AT CLEARWATER BAY - STATION NO 05PD011

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 322.648 | 322.580 | 322.495 | 322.458 | 322.427 | 322.823 | 322.614 | 322.634 | 322.512 | 322.573 | 322.620 | 322.548 | 1 |
| 2 | 322.648 | 322.580 | 322.484 | 322.448 | 322.426 | 322.841 | 322.638 | 322.646 | 322.547 | 322.514 | 322.617 | 322.548 | 2 |
| 3 | 322.643 | 322.580 | 322.493 | 322.470 | 322.446 | 322.858 | 322.663 | 322.611 | 322.616 | 322.684 | 322.608 | 322.544 | 3 |
| 4 | 322.638 | 322.581 | 322.488 | 322.471 | 322.458 | 322.862 | 322.679 | 322.613 | 322.584 | 322.634 | 322.586 | 322.542 | 4 |
| 5 | 322.632 | 322.586 | 322.488 | 322.488 | 322.487 | 322.893 | 322.681 | 322.688 | 322.522 | 322.649 | 322.584 | 322.536 | 5 |
| 6 | 322.631 | 322.586 | 322.485 | 322.488 | 322.438 | 322.900 | 322.668 | 322.654 | 322.648 | 322.538 | 322.587 | 322.534 | 6 |
| 7 | 322.631 | 322.646 | 322.474 | 322.471 | 322.430 | 322.868 | 322.655 | 322.623 | 322.645 | 322.588 | 322.603 | 322.533 | 7 |
| 8 | 322.627 | 322.645 | 322.488 | 322.477 | 322.442 | 322.851 | 322.636 | 322.648 | 322.661 | 322.635 | 322.535 | 322.532 | 8 |
| 9 | 322.614 | 322.642 | 322.485 | 322.478 | 322.418 | 322.888 | 322.641 | 322.690 | 322.638 | 322.630 | 322.588 | 322.530 | 9 |
| 10 | 322.618 | 322.636 | 322.488 | 322.477 | 322.436 | 322.842 | 322.646 | 322.636 | 322.622 | 322.609 | 322.626 | 322.529 | 10 |
| 11 | 322.618 | 322.633 | 322.482 | 322.488 | 322.378 | 322.868 | 322.617 | 322.664 | 322.626 | 322.641 | 322.610 | 322.529 | 11 |
| 12 | 322.610 | 322.629 | 322.488 | 322.474 | 322.466 | 322.811 | 322.682 | 322.663 | 322.638 | 322.618 | 322.667 | 322.523 | 12 |
| 13 | 322.608 | 322.620 | 322.483 | 322.476 | 322.480 | 322.833 | 322.638 | 322.606 | 322.640 | 322.641 | 322.673 | 322.528 | 13 |
| 14 | 322.595 | 322.620 | 322.488 | 322.472 | 322.417 | 322.888 | 322.673 | 322.803 | 322.679 | 322.602 | 322.697 | 322.526 | 14 |
| 15 | 322.598 | 322.621 | 322.488 | 322.478 | 322.488 | 322.834 | 322.673 | 322.613 | 322.650 | 322.608 | 322.618 | 322.517 | 15 |
| 16 | 322.599 | 322.618 | 322.484 | 322.478 | 322.432 | 322.826 | 322.619 | 322.598 | 322.648 | 322.587 | 322.642 | 322.518 | 16 |
| 17 | 322.595 | 322.617 | 322.437 | 322.477 | 322.387 | 322.858 | 322.634 | 322.571 | 322.587 | 322.628 | 322.619 | 322.518 | 17 |
| 18 | 322.592 | 322.613 | 322.431 | 322.488 | 322.421 | 322.902 | 322.620 | 322.594 | 322.584 | 322.600 | 322.628 | 322.519 | 18 |
| 19 | 322.578 | 322.610 | 322.428 | 322.472 | 322.445 | 322.904 | 322.587 | 322.593 | 322.541 | 322.608 | 322.639 | 322.516 | 19 |
| 20 | 322.585 | 322.613 | 322.426 | 322.442 | 322.426 | 322.818 | 322.595 | 322.600 | 322.534 | 322.671 | 322.585 | 322.513 | 20 |
| 21 | 322.580 | 322.485 | 322.421 | 322.484 | 322.336 | 322.822 | 322.580 | 322.594 | 322.570 | 322.610 | 322.633 | 322.507 | 21 |
| 22 | 322.582 | 322.486 | 322.426 | 322.483 | 322.404 | 322.824 | 322.584 | 322.529 | 322.598 | 322.603 | 322.573 | 322.503 | 22 |
| 23 | 322.584 | 322.485 | 322.428 | 322.437 | 322.498 | 322.828 | 322.587 | 322.540 | 322.563 | 322.619 | 322.536 | 322.499 | 23 |
| 24 | 322.578 | 322.481 | 322.430 | 322.458 | 322.505 | 322.829 | 322.580 | 322.585 | 322.573 | 322.601 | 322.578 | 322.488 | 24 |
| 25 | 322.576 | 322.498 | 322.429 | 322.464 | 322.514 | 322.586 | 322.589 | 322.554 | 322.583 | 322.686 | 322.578 | 322.486 | 25 |
| 26 | 322.574 | 322.487 | 322.443 | 322.446 | 322.538 | 322.526 | 322.580 | 322.552 | 322.595 | 322.613 | 322.581 | 322.488 | 26 |
| 27 | 322.575 | 322.490 | 322.443 | 322.406 | 322.547 | 322.572 | 322.581 | 322.545 | 322.590 | 322.571 | 322.662 | 322.462 | 27 |
| 28 | 322.570 | 322.486 | 322.449 | 322.457 | 322.583 | 322.859 | 322.601 | 322.585 | 322.582 | 322.620 | 322.563 | 322.479 | 28 |
| 29 | 322.566 | | 322.451 | 322.392 | 322.590 | 322.536 | 322.589 | 322.583 | 322.573 | 322.634 | 322.642 | 322.476 | 29 |
| 30 | 322.568 | | 322.456 | 322.447 | 322.578 | 322.566 | 322.598 | 322.473 | 322.604 | 322.686 | 322.636 | 322.474 | 30 |
| 31 | 322.563 | | 322.454 | | 322.593 | | 322.656 | 322.516 | | 322.629 | | 322.469A | 31 |
| MEAN | 322.601 | 322.523 | 322.454 | 322.461 | 322.485 | 322.801 | 322.589 | 322.593 | 322.580 | 322.604 | 322.579 | 322.515 | MEAN |
| MAX | 322.648 | 322.581 | 322.495 | 322.483 | 322.593 | 322.858 | 322.656 | 322.664 | 322.616 | 322.686 | 322.632 | 322.548 | MAX |
| MIN | 322.563 | 322.485 | 322.421 | 322.392 | 322.336 | 322.526 | 322.482 | 322.473 | 322.512 | 322.514 | 322.519 | 322.469 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 322.544
MAXIMUM DAILY, 322.686 ON OCT 25
MINIMUM DAILY, 322.336 ON MAY 21
MAXIMUM INSTANTANEOUS,
322.732 AT 08 38 CST ON AUG 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 06 N
LONG 94 48 20 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -0.000 177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

## LAKE OF THE WOODS AT CYCLONE ISLAND - STATION NO 05PD029

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.141 | 29.049 | 28.954 | 28.952 | 28.921 | 29.085 | 29.084 | 29.136 | 29.021 | 29.026 | 29.113 | 29.053 | 1 |
| 2 | 29.136 | 29.046 | 28.950 | 28.953 | 28.923 | 29.083 | 29.046 | 29.141 | 29.042 | 29.086 | 29.108 | 29.049 | 2 |
| 3 | 29.139 | 29.045 | 28.951 | 28.956 | 28.927 | 29.043 | 29.056 | 29.110 | 29.067 | 29.121 | 29.102 | 29.044 | 3 |
| 4 | 29.137 | 29.044 | 28.955 | 28.957 | 28.927 | 29.062 | 29.063 | 29.125 | 29.036 | 29.109 | 29.071 | 29.041 | 4 |
| 5 | 29.133 | 29.042 | 28.952 | 28.958 | 28.918 | 29.078 | 29.061 | 29.148 | 29.026 | 29.049 | 29.077 | 29.038 | 5 |
| 6 | 29.127 | 29.043 | 28.951 | 28.960 | 28.918 | 29.086 | 29.052 | 29.120 | 29.039 | 29.080 | 29.091 | 29.035 | 6 |
| 7 | 29.122 | 29.040 | 28.975 | 28.961 | 28.920 | 29.088 | 29.056 | 29.118 | 29.034 | 29.110 | 29.085 | 29.035 | 7 |
| 8 | 29.115 | 29.034 | 28.968 | 28.964 | 28.926 | 29.080 | 29.047 | 29.121 | 29.041 | 29.123 | 29.085 | 29.034 | 8 |
| 9 | 29.102 | 29.032 | 28.963 | 28.966 | 28.907 | 29.080 | 29.058 | 29.097 | 29.033 | 29.062 | 29.074 | 29.030 | 9 |
| 10 | 29.100 | 29.032 | 28.958 | 28.985 | 28.915 | 29.122 | 29.058 | 29.126 | 29.029 | 29.086 | 29.101 | 29.028 | 10 |
| 11 | 29.094 | 29.028 | 28.956 | 28.963 | 28.889 | 29.111 | 29.036 | 29.125 | 29.029 | 29.106 | 29.085 | 29.027 | 11 |
| 12 | 29.086 | 29.022 | 28.951 | 28.965 | 28.931 | 29.108 | 29.024 | 29.086 | 29.033 | 29.109 | 29.082 | 29.025 | 12 |
| 13 | 29.085 | 29.019 | 28.947 | 28.964 | 28.915 | 29.114 | 29.049 | 29.093 | 29.038 | 29.110 | 29.075 | 29.026 | 13 |
| 14 | 29.090 | 29.014 | 28.944 | 28.963 | 28.905 | 29.088 | 29.056 | 29.101 | 29.056 | 29.095 | 29.093 | 29.025 | 14 |
| 15 | 29.081 | 29.011 | 28.942 | 28.963 | 28.921 | 29.109 | 29.068 | 29.097 | 29.049 | 29.106 | 29.086 | 29.022 | 15 |
| 16 | 29.080 | 29.011 | 28.939 | 28.951 | 28.909 | 29.113 | 29.077 | 29.089 | 29.052 | 29.099 | 29.080 | 29.021 | 16 |
| 17 | 29.076 | 29.008 | 28.934 | 28.951 | 28.892 | 29.121 | 29.048 | 29.083 | 29.061 | 29.112 | 29.058 | 29.020 | 17 |
| 18 | 29.075 | 29.009 | 28.931 | 28.951 | 28.914 | 29.101 | 29.056 | 29.085 | 29.065 | 29.088 | 29.114 | 29.018 | 18 |
| 19 | 29.076 | 29.007 | 28.927 | 28.952 | 28.908 | 29.100 | 29.076 | 29.086 | 29.062 | 29.092 | 29.027 | 29.016 | 19 |
| 20 | 29.073 | 29.005 | 28.924 | 28.941 | 28.904 | 29.106 | 29.080 | 29.083 | 29.059 | 29.080 | 29.085 | 29.011 | 20 |
| 21 | 29.072 | 28.998 | 28.921 | 28.951 | 28.885 | 29.102 | 29.068 | 29.073 | 29.077 | 29.103 | 29.087 | 29.007 | 21 |
| 22 | 29.064 | 28.997 | 28.930 | 28.950 | 28.950 | 29.106 | 29.080 | 29.034 | 29.086 | 29.098 | 29.073 | 29.004 | 22 |
| 23 | 29.063A | 28.994 | 28.935 | 28.939 | 28.965 | 29.105 | 29.078 | 29.043 | 29.072 | 29.101 | 29.067 | 29.001 | 23 |
| 24 | 29.058A | 28.990 | 28.927 | 28.945 | 28.977 | 29.088 | 29.082 | 29.051 | 29.080 | 29.103 | 29.072 | 28.996 | 24 |
| 25 | 29.058A | 28.993 | 28.931 | 28.947 | 28.994 | 29.070 | 29.086 | 29.051 | 29.085 | 29.127 | 29.071 | 28.995 | 25 |
| 26 | 29.055 | 28.990 | 28.937 | 28.931 | 29.016 | 29.044 | 29.086 | 29.044 | 29.093 | 29.089 | 29.089 | 28.992 | 26 |
| 27 | 29.057 | 28.988 | 28.939 | 28.917 | 29.031 | 29.070 | 29.094 | 29.040 | 29.094 | 29.078 | 29.066 | 28.987 | 27 |
| 28 | 29.054 | 28.989 | 28.937 | 28.928 | 29.052 | 29.058 | 29.095 | 29.043 | 29.086 | 29.107 | 29.061 | 28.984 | 28 |
| 29 | 29.058 | | 28.941 | 28.912 | 29.056 | 29.051 | 29.093 | 29.041 | 29.082 | 29.107 | 29.053 | 28.981 | 29 |
| 30 | 29.056 | | 28.942 | 28.927 | 29.063 | 29.061 | 29.088 | 28.993 | 29.116 | 29.098 | 29.052 | 28.978 | 30 |
| 31 | 29.054 | | 28.948 | | 29.074 | | 29.144 | 29.023 | | 29.114 | | 28.970 | 31 |
| MEAN | 29.089 | 29.017 | 28.950 | 28.952 | 28.946 | 29.089 | 29.070 | 29.084 | 29.058 | 29.098 | 29.077 | 29.016 | MEAN |
| MAX | 29.141 | 29.049 | 28.994 | 28.985 | 29.074 | 29.122 | 29.144 | 29.148 | 29.116 | 29.127 | 29.114 | 29.063 | MAX |
| MIN | 29.054 | 28.989 | 28.920 | 28.912 | 28.885 | 29.043 | 29.024 | 28.993 | 29.021 | 29.026 | 29.027 | 28.970 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 29.037
MAXIMUM DAILY 29.148 ON AUG 5
MINIMUM DAILY 28.885 ON MAY 21
MAXIMUM INSTANTANEOUS
29.241 AT 00 38 CST ON AUG 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 30 N
LONG 94 50 50 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

## LAKE OF THE WOODS AT HANSON BAY - STATION NO 05PD008

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 322.680 | 322.578 | 322.523 | 322.495 | 322.429 | 322.610 | 322.551 | 322.652 | 322.556 | 322.647 | 322.594 | 322.583 | 1 |
| 2 | 322.652 | 322.582 | 322.526 | 322.491 | 322.427 | 322.698 | 322.591 | 322.659 | 322.535 | 322.628 | 322.608 | 322.556 | 2 |
| 3 | 322.651 | 322.578 | 322.517 | 322.487 | 322.427 | 322.666 | 322.578 | 322.695 | 322.518 | 322.621 | 322.619 | 322.556 | 3 |
| 4 | 322.645 | 322.574 | 322.518 | 322.487 | 322.432 | 322.624 | 322.570 | 322.633 | 322.550 | 322.671 | 322.672 | 322.550 | 4 |
| 5 | 322.645 | 322.573 | 322.513 | 322.488 | 322.448 | 322.596 | 322.557 | 322.622 | 322.545 | 322.693 | 322.680 | 322.544 | 5 |
| 6 | 322.647 | 322.569 | 322.511 | 322.491 | 322.446 | 322.589 | 322.562 | 322.678 | 322.551 | 322.640 | 322.606 | 322.544 | 6 |
| 7 | 322.640 | 322.568 | 322.512 | 322.491 | 322.443 | 322.615 | 322.578 | 322.640 | 322.571 | 322.621 | 322.595 | 322.538 | 7 |
| 8 | 322.635 | 322.562 | 322.510 | 322.491 | 322.458 | 322.613 | 322.578 | 322.642 | 322.567 | 322.600 | 322.627 | 322.539 | 8 |
| 9 | 322.636 | 322.558 | 322.500 | 322.493 | 322.440 | 322.610 | 322.548 | 322.638 | 322.559 | 322.654 | 322.610 | 322.542 | 9 |
| 10 | 322.629 | 322.556 | 322.493 | 322.495 | 322.426 | 322.580 | 322.561 | 322.612 | 322.554 | 322.674 | 322.588 | 322.536 | 10 |
| 11 | 322.624 | 322.555 | 322.493 | 322.500 | 322.457 | 322.633 | 322.558 | 322.606 | 322.556 | 322.633 | 322.593 | 322.548 | 11 |
| 12 | 322.619 | 322.552 | 322.489 | 322.495 | 322.431 | 322.645 | 322.583 | 322.651 | 322.570 | 322.614 | 322.596 | 322.549 | 12 |
| 13 | 322.618 | 322.549 | 322.481 | 322.495 | 322.451 | 322.634 | 322.572 | 322.612 | 322.572 | 322.626 | 322.597 | 322.544 | 13 |
| 14 | 322.618 | 322.542 | 322.478 | 322.494 | 322.486 | 322.648 | 322.547 | 322.591 | 322.560 | 322.638 | 322.561 | 322.536 | 14 |
| 15 | 322.609 | 322.536 | 322.472 | 322.489 | 322.447 | 322.639 | 322.547 | 322.606 | 322.569 | 322.593 | 322.566 | 322.536 | 15 |
| 16 | 322.601 | 322.537 | 322.470 | 322.486 | 322.432 | 322.624 | 322.548 | 322.659 | 322.556 | 322.606 | 322.612 | 322.533 | 16 |
| 17 | 322.601 | 322.536 | 322.465 | 322.485 | 322.422 | 322.615 | 322.572 | 322.661 | 322.558 | 322.619 | 322.623 | 322.525 | 17 |
| 18 | 322.596 | 322.533 | 322.461 | 322.482 | 322.406 | 322.636 | 322.495 | 322.635 | 322.567 | 322.648 | 322.676 | 322.525 | 18 |
| 19 | 322.607 | 322.533 | 322.456 | 322.479 | 322.426 | 322.619 | 322.594 | 322.630 | 322.583 | 322.639 | 322.671 | 322.520 | 19 |
| 20 | 322.603 | 322.526 | 322.454 | 322.515 | 322.433 | 322.609 | 322.582 | 322.618 | 322.581 | 322.633 | 322.619 | 322.520 | 20 |
| 21 | 322.605 | 322.527 | 322.449 | 322.479 | 322.426 | 322.614 | 322.578 | 322.630 | 322.594 | 322.606 | 322.557 | 322.517 | 21 |
| 22 | 322.603 | 322.527 | 322.447 | 322.473 | 322.485 | 322.630 | 322.583 | 322.634 | 322.606 | 322.594 | 322.562 | 322.511 | 22 |
| 23 | 322.595 | 322.520 | 322.456 | 322.484 | 322.501 | 322.636 | 322.611 | 322.606 | 322.603 | 322.586 | 322.600 | 322.512 | 23 |
| 24 | 322.591 | 322.519 | 322.481 | 322.488 | 322.506 | 322.633 | 322.603 | 322.587 | 322.595 | 322.609 | 322.567 | 322.511 | 24 |
| 25 | 322.586 | 322.518 | 322.488 | 322.485 | 322.502 | 322.647 | 322.604 | 322.571 | 322.596 | 322.592 | 322.588 | 322.505 | 25 |
| 26 | 322.584 | 322.518 | 322.488 | 322.482 | 322.536 | 322.653 | 322.589 | 322.572 | 322.579 | 322.643 | 322.571 | 322.500 | 26 |
| 27 | 322.587 | 322.523 | 322.474 | 322.490 | 322.553 | 322.600 | 322.596 | 322.564 | 322.592 | 322.659 | 322.580 | 322.500 | 27 |
| 28 | 322.578 | 322.522 | 322.474 | 322.475 | 322.571 | 322.603 | 322.605 | 322.557 | 322.616 | 322.613 | 322.569 | 322.495 | 28 |
| 29 | 322.581 | | 322.473 | 322.469 | 322.581 | 322.594 | 322.615 | 322.570 | 322.647 | 322.621 | 322.576 | 322.488 | 29 |
| 30 | 322.584 | | 322.477 | 322.444 | 322.594 | 322.583 | 322.600 | 322.640 | 322.623 | 322.617 | 322.578 | 322.490 | 30 |
| 31 | 322.580 | | 322.485 | | 322.594 | | 322.588 | 322.588 | | 322.599 | | 322.493 | 31 |
| MEAN | 322.613 | 322.546 | 322.483 | 322.485 | 322.471 | 322.623 | 322.575 | 322.621 | 322.574 | 322.629 | 322.601 | 322.527 | MEAN |
| MAX | 322.680 | 322.582 | 322.526 | 322.515 | 322.594 | 322.698 | 322.615 | 322.695 | 322.647 | 322.693 | 322.676 | 322.563 | MAX |
| MIN | 322.578 | 322.518 | 322.447 | 322.444 | 322.406 | 322.580 | 322.495 | 322.557 | 322.518 | 322.592 | 322.557 | 322.488 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 322.582
MAXIMUM DAILY 322.698 ON JUN 2
MINIMUM DAILY 322.406 ON MAY 18
MAXIMUM INSTANTANEOUS
322.856 AT 18 23 CST ON OCT 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 34 N
LONG 94 17 16 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1963 ADJ )

## LAKE OF THE WOODS AT KEEWATIN - STATION NO. 05PE014

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 322.585A | 322.490 | 322.423 | 322.399E | 322.372 | 322.560 | 322.568 | 322.589E | 322.463 | 322.521 | 322.583 | 322.485 | 1 |
| 2 | 322.584A | 322.481 | 322.425 | 322.404A | 322.372 | 322.609 | 322.494 | 322.601E | 322.498 | 322.465 | 322.562 | 322.486 | 2 |
| 3 | 322.579A | 322.492 | 322.421 | 322.410 | 322.392 | 322.516 | 322.521 | 322.573E | 322.571 | 322.620 | 322.553 | 322.481 | 3 |
| 4 | 322.573A | 322.491 | 322.418 | 322.410 | 322.412 | 322.537A | 322.541 | 322.583 | 322.521 | 322.595 | 322.518 | 322.482 | 4 |
| 5 | 322.568 | 322.487 | 322.420 | 322.408 | 322.417 | 322.543A | 322.545 | 322.626 | 322.472 | 322.498 | 322.514 | 322.474 | 5 |
| 6 | 322.557 | 322.487 | 322.417 | 322.408 | 322.385 | 322.547A | 322.532 | 322.617 | 322.503 | 322.464 | 322.540 | 322.472 | 6 |
| 7 | 322.566 | 322.484A | 322.407 | 322.409 | 322.386 | 322.538A | 322.518 | 322.578 | 322.506 | 322.542 | 322.544 | 322.470 | 7 |
| 8 | 322.562 | 322.471A | 322.390 | 322.415 | 322.423 | 322.498A | 322.495 | 322.606 | 322.517 | 322.566 | 322.478 | 322.468 | 8 |
| 9 | 322.548 | 322.462A | 322.394 | 322.414 | 322.378 | 322.551A | 322.516 | 322.642 | 322.498 | 322.474 | 322.513 | 322.486 | 9 |
| 10 | 322.550 | 322.465 | 322.396 | 322.415 | 322.380 | 322.563A | 322.524 | 322.587 | 322.474 | 322.584 | 322.572 | 322.487 | 10 |
| 11 | 322.551 | 322.484 | 322.395 | 322.402 | 322.335 | 322.600A | 322.470 | 322.639 | 322.478 | 322.591 | 322.561 | 322.471 | 11 |
| 12 | 322.543 | 322.458 | 322.389 | 322.411 | 322.446 | 322.584A | 322.433 | 322.642 | 322.483 | 322.570A | 322.535 | 322.485 | 12 |
| 13 | 322.543 | 322.480 | 322.382 | 322.413 | 322.442 | 322.573A | 322.489 | 322.658 | 322.498 | 322.588A | 322.518 | 322.487 | 13 |
| 14 | 322.528 | 322.448 | 322.377 | 322.409 | 322.376 | 322.542A | 322.527 | 322.652 | 322.535 | 322.569A | 322.534 | 322.487 | 14 |
| 15 | 322.532 | 322.448 | 322.378 | 322.413 | 322.421 | 322.568 | 322.520 | 322.667 | 322.504 | 322.561A | 322.557 | 322.486 | 15 |
| 16 | 322.531 | 322.447 | 322.376 | 322.418 | 322.377 | 322.581 | 322.573 | 322.584 | 322.497 | 322.531A | 322.484 | 322.481 | 16 |
| 17 | 322.529 | 322.445 | 322.370 | 322.418 | 322.335 | 322.618 | 322.487 | 322.629 | 322.505 | 322.578A | 322.487 | 322.487 | 17 |
| 18 | 322.523 | 322.442 | 322.385 | 322.406 | 322.388 | 322.558 | 322.482 | 322.650 | 322.516 | 322.580 | 322.579 | 322.488 | 18 |
| 19 | 322.508 | 322.441 | 322.380 | 322.412 | 322.398 | 322.559 | 322.504 | 322.648 | 322.495 | 322.556 | 322.487 | 322.448 | 19 |
| 20 | 322.524 | 322.442 | 322.385 | 322.378 | 322.572 | 322.583 | 322.556 | 322.664 | 322.517 | 322.587 | 322.486 | 322.448 | 20 |
| 21 | 322.510 | 322.422 | 322.390 | 322.391 | 322.280 | 322.578 | 322.515 | 322.663 | 322.530 | 322.552 | 322.573 | 322.440 | 21 |
| 22 | 322.513 | 322.426 | 322.385 | 322.423 | 322.362 | 322.581 | 322.513 | 322.488 | 322.556 | 322.544 | 322.510 | 322.438 | 22 |
| 23 | 322.514 | 322.424 | 322.358 | 322.377 | 322.457 | 322.592 | 322.535 | 322.487 | 322.514 | 322.584 | 322.471 | 322.433 | 23 |
| 24 | 322.508 | 322.418 | 322.380 | 322.383 | 322.482 | 322.589 | 322.535 | 322.522 | 322.522 | 322.548 | 322.511 | 322.421 | 24 |
| 25 | 322.502 | 322.424 | 322.367 | 322.402 | 322.487 | 322.547 | 322.548 | 322.505 | 322.545 | 322.539 | 322.514 | 322.429 | 25 |
| 26 | 322.504 | 322.426 | 322.372 | 322.385 | 322.493 | 322.483 | 322.532 | 322.507 | 322.543 | 322.569 | 322.519 | 322.432 | 26 |
| 27 | 322.504 | 322.416 | 322.373 | 322.343 | 322.503 | 322.526 | 322.545 | 322.487 | 322.536 | 322.522 | 322.506 | 322.415 | 27 |
| 28 | 322.495 | 322.413 | 322.379 | 322.386 | 322.540 | 322.516 | 322.565 | 322.507 | 322.537 | 322.563 | 322.487 | 322.413 | 28 |
| 29 | 322.490 | | 322.383 | 322.330 | 322.551 | 322.480 | 322.542A | 322.536 | 322.531 | 322.579 | 322.476 | 322.412 | 29 |
| 30 | 322.498 | | 322.388 | 322.383 | 322.536 | 322.517 | 322.550E | 322.433 | 322.569 | 322.525 | 322.472 | 322.407 | 30 |
| 31 | 322.490 | | 322.393E | | 322.550 | | 322.597E | 322.466 | | 322.572 | | 322.404 | 31 |
| MEAN | 322.533 | 322.453 | 322.386 | 322.400 | 322.419 | 322.556 | 322.523 | 322.548 | 322.513 | 322.552 | 322.521 | 322.461 | MEAN |
| MAX | 322.585 | 322.492 | 322.425 | 322.423 | 322.551 | 322.618 | 322.587 | 322.639 | 322.571 | 322.639 | 322.579 | 322.486 | MAX |
| MIN | 322.490 | 322.413 | 322.350 | 322.330 | 322.280 | 322.483 | 322.433 | 322.433 | 322.463 | 322.465 | 322.457 | 322.404 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 322.488
MAXIMUM DAILY, 322.639 ON AUG 11
MINIMUM DAILY, 322.280 ON MAY 21
MAXIMUM INSTANTANEOUS,
322.689 AT 03 27 CST ON AUG 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 50 N
LONG 94 33 15 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

## LAKE OF THE WOODS AT WARROAD - STATION NO. 05PD001

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 322.713 | 322.622 | 322.564 | 322.530 | 322.549 | 322.616 | 322.609 | 322.695 | 322.613 | 322.684 | 322.673 | 322.613 | 1 |
| 2 | 322.716 | 322.628 | 322.558 | 322.530 | 322.549 | 322.494 | 322.631 | 322.689 | 322.600 | 322.731 | 322.688 | 322.613 | 2 |
| 3 | 322.707 | 322.619 | 322.564 | 322.533 | 322.521 | 322.603 | 322.628 | 322.684 | 322.565 | 322.579 | 322.649 | 322.603 | 3 |
| 4 | 322.710 | 322.619 | 322.558 | 322.533 | 322.488 | 322.643 | 322.606 | 322.732 | 322.555 | 322.641 | 322.613 | 322.603 | 4 |
| 5 | 322.701 | 322.616 | 322.552 | 322.536 | 322.486 | 322.673 | 322.613 | 322.681 | 322.622 | 322.643 | 322.616 | 322.606 | 5 |
| 6 | 322.692 | 322.603 | 322.549 | 322.536 | 322.503 | 322.692 | 322.622 | 322.603 | 322.585 | 322.725 | 322.649 | 322.587 | 6 |
| 7 | 322.688 | 322.606 | 322.539 | 322.539 | 322.506 | 322.687 | 322.600 | 322.670 | 322.584 | 322.692 | 322.649 | 322.587 | 7 |
| 8 | 322.683 | 322.606 | 322.539 | 322.542 | 322.430 | 322.726 | 322.616 | 322.626 | 322.558 | 322.689 | 322.670 | 322.584 | 8 |
| 9 | 322.680 | 322.606 | 322.536 | 322.545 | 322.506 | 322.684 | 322.616 | 322.689 | 322.584 | 322.713 | 322.643 | 322.579 | 9 |
| 10 | 322.677 | 322.606 | 322.533 | 322.545 | 322.509 | 322.695 | 322.582 | 322.695 | 322.622 | 322.600 | 322.603 | 322.585 | 10 |
| 11 | 322.670 | 322.587 | 322.527 | 322.545 | 322.518 | 322.646 | 322.634 | 322.600 | 322.603 | 322.603 | 322.600 | 322.570 | 11 |
| 12 | 322.670 | 322.587 | 322.527 | 322.545 | 322.408 | 322.670 | 322.684 | 322.648 | 322.581 | 322.687 | 322.626 | 322.576 | 12 |
| 13 | 322.684 | 322.587 | 322.530 | 322.542 | 322.403 | 322.683 | 322.619 | 322.695 | 322.587 | 322.616 | 322.637 | 322.578 | 13 |
| 14 | 322.658 | 322.600 | 322.527 | 322.545 | 322.488 | 322.689 | 322.613 | 322.673 | 322.584 | 322.637 | 322.655 | 322.578 | 14 |
| 15 | 322.655 | 322.587 | 322.524 | 322.545 | 322.567 | 322.638 | 322.638 | 322.682 | 322.600 | 322.704 | 322.637 | 322.578 | 15 |
| 16 | 322.658 | 322.591 | 322.518 | 322.533 | 322.533 | 322.677 | 322.582 | 322.643 | 322.634 | 322.719 | 322.683 | 322.576 | 16 |
| 17 | 322.652 | 322.588 | 322.521 | 322.530 | 322.606 | 322.643 | 322.638 | 322.634 | 322.631 | 322.646 | 322.704 | 322.582 | 17 |
| 18 | 322.652 | 322.585 | 322.515 | 322.539 | 322.573 | 322.670 | 322.785 | 322.631 | 322.634 | 322.588 | 322.512 | 322.570 | 18 |
| 19 | 322.661 | 322.576 | 322.509 | 322.539 | 322.484 | 322.686 | 322.646 | 322.632 | 322.673 | 322.637 | 322.584 | 322.570 | 19 |
| 20 | 322.652 | 322.576 | 322.509 | 322.527 | 322.512 | 322.680 | 322.613 | 322.682 | 322.682 | 322.677 | 322.619 | 322.581 | 20 |
| 21 | 322.655 | 322.576 | 322.509 | 322.545 | 322.617 | 322.684 | 322.652 | 322.582 | 322.686 | 322.670 | 322.622 | 322.581 | 21 |
| 22 | 322.643 | 322.584 | 322.503 | 322.512 | 322.684 | 322.658 | 322.677 | 322.606 | 322.606 | 322.682 | 322.640 | 322.558 | 22 |
| 23 | 322.640 | 322.584 | 322.503 | 322.538 | 322.536 | 322.619 | 322.640 | 322.606 | 322.652 | 322.670 | 322.682 | 322.555 | 23 |
| 24 | 322.643 | 322.587 | 322.506 | 322.536 | 322.581 | 322.613 | 322.637 | 322.579 | 322.687 | 322.677 | 322.643 | 322.555 | 24 |
| 25 | 322.643 | 322.570 | 322.512 | 322.521 | 322.600 | 322.613 | 322.638 | 322.603 | 322.646 | 322.603 | 322.637 | 322.549 | 25 |
| 26 | 322.637 | 322.584 | 322.515 | 322.506 | 322.603 | 322.637 | 322.680 | 322.581 | 322.686 | 322.619 | 322.619 | 322.542 | 26 |
| 27 | 322.626 | 322.587 | 322.515 | 322.530 | 322.622 | 322.648 | 322.684 | 322.600 | 322.680 | 322.655 | 322.622 | 322.542 | 27 |
| 28 | 322.637 | 322.570 | 322.515 | 322.475 | 322.606 | 322.643 | 322.652 | 322.588 | 322.680 | 322.661 | 322.622 | 322.536 | 28 |
| 29 | 322.637 | | 322.521 | 322.539 | 322.616 | 322.655 | 322.655 | 322.539 | 322.667 | 322.631 | 322.625 | 322.542 | 29 |
| 30 | 322.628 | | 322.524 | 322.506 | 322.637 | 322.631 | 322.664 | 322.564 | 322.670 | 322.680 | 322.625 | 322.533 | 30 |
| 31 | 322.634 | | 322.536 | | 322.646 | | 322.734 | 322.582 | | 322.658 | | 322.521 | 31 |
| MEAN | 322.664 | 322.592 | 322.528 | 322.532 | 322.548 | 322.651 | 322.639 | 322.629 | 322.623 | 322.655 | 322.633 | 322.572 | MEAN |
| MAX | 322.716 | 322.628 | 322.564 | 322.545 | 322.617 | 322.729 | 322.786 | 322.732 | 322.682 | 322.731 | 322.704 | 322.613 | MAX |
| MIN | 322.626 | 322.564 | 322.503 | 322.475 | 322.402 | 322.484 | 322.582 | 322.539 | 322.545 | 322.561 | 322.512 | 322.521 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 322.605
MAXIMUM DAILY, 322.617 ON MAY 21
MINIMUM DAILY, 322.402 ON MAY 13
MAXIMUM INSTANTANEOUS,
323.039 ON OCT 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 20 N
LONG 95 19 00 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM

REMARKS - RUNOFF CONDITIONS OF THE WARROAD RIVER CAN AFFECT WATER LEVELS AT THIS STATION

## LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO 05PE008

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 131 | 134 | 137 | 132 | 50.5 | 85.5 | 86.7 | 86.7 | 85.8 | 86.3 | 99.1 | 110 | 1 |
| 2 | 132 | 134 | 137 | 126 | 43.3 | 86.8 | 86.1 | 86.4 | 85.7 | 85.1 | 99.1 | 110 | 2 |
| 3 | 132 | 134 | 137 | 126 | 43.3 | 86.3 | 85.6 | 86.2 | 86.4 | 86.7 | 98.8 | 110 | 3 |
| 4 | 131 | 134 | 137 | 126 | 51.0 | 87.2 | 85.7 | 86.0 | 86.2 | 86.7 | 98.5 | 110 | 4 |
| 5 | 129 | 134 | 137 | 126 | 87.5 | 85.6 | 85.8 | 86.4 | 85.5 | 86.8 | 98.7 | 110 | 5 |
| 6 | 132 | 134 | 137 | 126 | 93.9 | 85.8 | 85.8 | 86.8 | 85.5 | 85.8 | 98.4 | 110 | 6 |
| 7 | 133 | 134 | 137 | 126 | 114 | 85.7 | 85.7 | 86.4 | 83.7 | 86.2 | 98.5 | 110 | 7 |
| 8 | 133 | 134 | 137 | 126 | 114 | 85.6 | 85.4 | 86.5 | 80.4 | 86.4 | 98.0 | 110 | 8 |
| 9 | 132 | 134 | 137 | 126 | 114 | 85.9 | 85.6 | 86.2 | 80.4 | 85.9 | 98.5 | 104 | 9 |
| 10 | 130 | 134 | 137 | 126 | 114 | 86.1 | 85.7 | 86.2 | 82.4 | 86.4 | 98.5 | 103 | 10 |
| 11 | 130 | 132 | 137 | 126 | 113 | 85.4 | 85.6 | 86.7 | 85.7 | 86.7 | 98.6 | 98.8 | 11 |
| 12 | 130 | 131 | 137 | 126 | 114 | 85.9 | 85.1 | 85.9 | 85.8 | 86.7 | 98.5 | 98.7 | 12 |
| 13 | 130 | 133 | 137 | 126 | 115 | 86.0 | 85.4 | 86.0 | 85.9 | 86.9 | 98.3 | 98.6 | 13 |
| 14 | 130 | 133 | 137 | 126 | 114 | 86.0 | 85.8 | 86.0 | 86.2 | 86.6 | 97.9 | 98.8 | 14 |
| 15 | 133 | 134 | 137 | 126 | 114 | 86.1 | 85.8 | 86.2 | 86.3 | 86.6 | 98.0 | 98.8 | 15 |
| 16 | 132 | 133 | 137 | 112 | 114 | 85.4 | 85.2 | 85.2 | 85.2 | 85.4 | 97.4 | 98.9 | 16 |
| 17 | 130 | 133 | 137 | 76.0 | 113 | 86.6 | 85.6 | 85.0 | 85.3 | 85.3 | 98.6 | 97.0 | 17 |
| 18 | 130 | 133 | 138 | 76.2 | 113 | 86.2 | 85.2 | 86.4 | 85.2 | 86.2 | 97.5 | 102 | 18 |
| 19 | 130 | 136 | 140 | 76.2 | 114 | 86.1 | 85.4 | 85.2 | 85.2 | 85.1 | 97.3 | 109 | 19 |
| 20 | 130 | 136 | 140 | 77.9 | 114 | 86.2 | 85.8 | 86.3 | 85.2 | 85.8 | 96.9 | 109 | 20 |
| 21 | 131 | 136 | 140 | 76.3 | 105 | 86.2 | 85.7 | 86.4 | 85.3 | 85.8 | 97.7 | 109 | 21 |
| 22 | 134 | 137 | 140 | 76.2 | 106 | 85.9 | 85.6 | 85.9 | 86.6 | 85.9 | 97.4 | 109 | 22 |
| 23 | 136 | 137 | 140 | 70.3 | 115 | 86.1 | 85.8 | 85.6 | 86.4 | 86.1 | 97.0 | 109 | 23 |
| 24 | 136 | 137 | 140 | 88.5 | 115 | 86.2 | 85.7 | 85.8 | 86.3 | 85.9 | 97.3 | 109 | 24 |
| 25 | 136 | 137 | 140 | 89.6 | 115 | 86.1 | 85.8 | 85.8 | 86.4 | 86.4 | 97.5 | 109 | 25 |
| 26 | 135 | 137 | 140 | 88.5 | 115 | 85.8 | 85.8 | 85.8 | 86.4 | 86.2 | 97.5 | 109 | 26 |
| 27 | 134 | 137 | 140 | 87.9 | 115 | 85.8 | 85.6 | 85.6 | 86.3 | 85.6 | 102 | 109 | 27 |
| 28 | 134 | 137 | 140 | 86.8 | 103 | 85.8 | 85.8 | 85.6 | 86.2 | 85.8 | 110 | 109 | 28 |
| 29 | 134 | | 140 | 88.5 | 90.8 | 85.5 | 85.8 | 86.1 | 86.2 | 90.9 | 110 | 109 | 29 |
| 30 | 134 | | 140 | 86.9 | 89.2 | 85.6 | 85.9 | 85.6 | 86.4 | 86.6 | 110 | 109 | 30 |
| 31 | 134 | | 140 | | 88.3 | | 86.2 | 85.8 | | 89.1 | | 109 | 31 |
| TOTAL | 4 096 | 3 773 | 4 287 | 3 049.8 | 3 124.0 | 2 591.4 | 2 657.3 | 2 669.5 | 2 567.0 | 2 702.5 | 2 977.7 | 3 283.8 | TOTAL |
| MEAN | 132 | 135 | 138 | 102 | 101 | 86.4 | 85.7 | 86.1 | 85.6 | 87.2 | 98.3 | 106 | MEAN |
| MAX | 136 | 136 | 140 | 132 | 115 | 89.6 | 86.7 | 86.8 | 86.8 | 90.1 | 110 | 110 | MAX |
| MIN | 129 | 131 | 137 | 86.5 | 43.3 | 85.5 | 85.1 | 85.8 | 80.4 | 85.1 | 98.7 | 98.7 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 104
MAXIMUM DAILY 140 ON MAR 19
MINIMUM DAILY 43.3 ON MAY 2

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 45 20 N
LONG 94 30 10 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 354 000 | JUL | 230 000 |
| FEB | 338 000 | AUG | 231 000 |
| MAR | 370 000 | SEP | 222 000 |
| APR | 264 000 | OCT | 233 000 |
| MAY | 270 000 | NOV | 287 000 |
| JUN | 224 000 | DEC | 284 000 |

TOTAL DISCHARGE 3 270 000 dam³

REGULATED SINCE 1907

REMARKS - THIS STATION IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

## LAKE OF THE WOODS OUTLET AT MINK CREEK - STATION NO 05PE009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.36A | 3.27 | 3.21 | 3.19E | 3.17 | 3.35 | 3.34 | 3.36E | 3.25 | 3.30 | 3.34 | 3.27 | 1 |
| 2 | 3.36A | 3.26 | 3.21 | 3.19A | 3.17 | 3.36 | 3.37 | 3.37E | 3.26 | 3.25 | 3.34 | 3.27 | 2 |
| 3 | 3.35A | 3.27 | 3.21 | 3.20 | 3.16 | 3.29 | 3.30 | 3.34E | 3.24 | 3.29 | 3.33 | 3.26 | 3 |
| 4 | 3.36A | 3.27 | 3.21 | 3.20 | 3.20 | 3.31A | 3.32 | 3.34 | 3.30 | 3.37 | 3.30 | 3.26 | 4 |
| 5 | 3.34 | 3.27 | 3.31 | 3.20 | 3.21 | 3.32A | 3.32 | 3.36 | 3.26 | 3.28 | 3.29 | 3.26 | 5 |
| 6 | 3.33 | 3.27 | 3.20 | 3.20 | 3.16 | 3.32A | 3.31 | 3.39 | 3.26 | 3.27 | 3.32 | 3.25 | 6 |
| 7 | 3.34 | 3.27A | 3.20 | 3.20 | 3.18 | 3.31A | 3.30 | 3.35 | 3.28 | 3.32 | 3.32 | 3.25 | 7 |
| 8 | 3.34 | 3.26A | 3.18 | 3.20 | 3.21 | 3.26A | 3.26 | 3.36 | 3.30 | 3.34 | 3.24 | 3.25 | 8 |
| 9 | 3.32 | 3.26A | 3.16 | 3.20 | 3.17 | 3.33A | 3.28 | 3.32 | 3.28 | 3.28 | 3.29 | 3.25 | 9 |
| 10 | 3.33 | 3.25 | 3.19 | 3.20 | 3.16 | 3.36A | 3.30 | 3.36 | 3.28 | 3.34 | 3.35 | 3.25 | 10 |
| 11 | 3.33 | 3.25 | 3.19 | 3.19 | 3.13 | 3.37A | 3.25 | 3.40 | 3.28 | 3.36 | 3.33 | 3.25 | 11 |
| 12 | 3.32 | 3.24 | 3.18 | 3.20 | 3.23 | 3.34A | 3.22 | 3.33 | 3.27 | 3.34A | 3.31 | 3.25 | 12 |
| 13 | 3.32 | 3.23 | 3.17 | 3.20 | 3.23 | 3.36A | 3.27 | 3.33 | 3.26 | 3.37A | 3.30 | 3.26 | 13 |
| 14 | 3.31 | 3.23 | 3.17 | 3.20 | 3.17 | 3.33A | 3.30 | 3.33 | 3.31 | 3.33A | 3.31 | 3.25 | 14 |
| 15 | 3.31 | 3.23 | 3.17 | 3.20 | 3.21 | 3.36 | 3.30 | 3.34 | 3.26 | 3.33A | 3.33 | 3.24 | 15 |
| 16 | 3.31 | 3.23 | 3.17 | 3.21 | 3.17 | 3.35 | 3.35 | 3.33 | 3.26 | 3.31A | 3.27 | 3.24 | 16 |
| 17 | 3.31 | 3.23 | 3.16 | 3.21 | 3.13 | 3.36 | 3.27 | 3.31 | 3.26 | 3.29A | 3.34 | 3.24 | 17 |
| 18 | 3.30 | 3.23 | 3.16 | 3.20 | 3.16 | 3.33 | 3.24 | 3.33 | 3.25 | 3.33 | 3.35 | 3.24 | 18 |
| 19 | 3.29 | 3.23 | 3.15 | 3.20 | 3.19 | 3.33 | 3.26 | 3.32 | 3.26 | 3.33 | 3.27 | 3.23 | 19 |
| 20 | 3.30 | 3.23 | 3.15 | 3.18 | 3.17 | 3.34 | 3.33 | 3.33 | 3.27 | 3.29 | 3.26 | 3.23 | 20 |
| 21 | 3.29 | 3.21 | 3.14 | 3.18 | 3.08 | 3.35 | 3.29 | 3.33 | 3.30 | 3.33 | 3.35 | 3.23 | 21 |
| 22 | 3.29 | 3.21 | 3.15 | 3.21 | 3.15 | 3.35 | 3.29 | 3.27 | 3.33 | 3.32 | 3.29 | 3.22 | 22 |
| 23 | 3.29 | 3.21 | 3.15 | 3.17 | 3.24 | 3.36 | 3.30 | 3.26 | 3.29 | 3.34 | 3.35 | 3.22 | 23 |
| 24 | 3.28 | 3.21 | 3.15 | 3.16 | 3.26 | 3.36 | 3.31 | 3.30 | 3.30 | 3.32 | 3.29 | 3.21 | 24 |
| 25 | 3.28 | 3.21 | 3.15 | 3.15 | 3.25 | 3.32 | 3.32 | 3.26 | 3.32 | 3.41 | 3.29 | 3.22 | 25 |
| 26 | 3.28 | 3.21 | 3.16 | 3.16 | 3.27 | 3.26 | 3.31 | 3.29 | 3.32 | 3.34 | 3.30 | 3.22 | 26 |
| 27 | 3.28 | 3.21 | 3.17 | 3.14 | 3.28 | 3.30 | 3.32 | 3.26 | 3.31 | 3.30 | 3.29 | 3.20 | 27 |
| 28 | 3.28 | 3.20 | 3.17 | 3.19 | 3.32 | 3.28 | 3.33 | 3.29 | 3.31 | 3.34 | 3.26 | 3.20 | 28 |
| 29 | 3.27 | | 3.17 | 3.13 | 3.33 | 3.27 | 3.32A | 3.31 | 3.31 | 3.35 | 3.26 | 3.20 | 29 |
| 30 | 3.28 | | 3.16 | 3.17 | 3.31 | 3.30 | 3.33E | 3.32 | 3.33 | 3.30 | 3.25 | 3.20 | 30 |
| 31 | 3.27 | | 3.16E | | 3.32 | | 3.37E | 3.25 | | 3.34 | | 3.19 | 31 |
| TOTAL | 102.82 | 90.84 | 98.44 | 95.71 | 98.44 | 99.87 | 102.33 | 103.04 | 96.76 | 103.15 | 98.98 | 100.30 | TOTAL |
| MEAN | 3.31 | 3.24 | 3.18 | 3.19 | 3.21 | 3.33 | 3.30 | 3.32 | 3.29 | 3.33 | 3.30 | 3.24 | MEAN |
| MAX | 3.36 | 3.27 | 3.21 | 3.21 | 3.33 | 3.36 | 3.37 | 3.40 | 3.34 | 3.41 | 3.35 | 3.27 | MAX |
| MIN | 3.27 | 3.20 | 3.14 | 3.13 | 3.08 | 3.26 | 3.22 | 3.22 | 3.25 | 3.25 | 3.24 | 3.19 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.27
MAXIMUM DAILY 3.41 ON OCT 25
MINIMUM DAILY 3.08 ON MAY 21
MAXIMUM INSTANTANEOUS
3.45 AT 03:27 CST ON AUG 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 44 N
LONG 94 33 36 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1900

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 8 870 | JUL | 8 840 |
| FEB | 7 830 | AUG | 8 900 |
| MAR | 8 510 | SEP | 8 530 |
| APR | 8 270 | OCT | 8 910 |
| MAY | 8 580 | NOV | 8 550 |
| JUN | 8 530 | DEC | 8 670 |

TOTAL DISCHARGE 103 000 dam³

REMARKS - THIS IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

## LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE - STATION NO 05PE011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 262 | 259E | 257 | 239 | 117 | 62.8 | 11.0 | 11.0 | 60.0 | 43.6 | 148 | 237 | 1 |
| 2 | 262A | 259A | 257 | 230 | 60.3 | 63.0 | 11.0 | 11.0 | 60.2 | 60.0 | 147 | 237 | 2 |
| 3 | 262E | 260 | 256 | 231 | 60.3 | 62.8 | 11.0 | 11.0 | 60.5 | 60.7 | 147 | 237 | 3 |
| 4 | 262E | 260 | 256 | 231 | 61.0 | 61.7 | 11.0 | 11.0 | 60.3 | 60.7 | 147 | 237 | 4 |
| 5 | 262A | 260 | 258 | 231 | 15.0 | 61.1 | 11.0 | 11.0 | 60.1 | 60.2 | 146 | 236 | 5 |
| 6 | 262 | 260A | 257 | 231 | 22.0 | 61.1 | 11.0 | 11.0 | 60.2 | 60.2 | 147 | 238 | 6 |
| 7 | 262 | 259E | 257 | 231 | 35.9 | 61.0 | 11.0 | 11.0 | 61.5 | 60.5 | 147 | 238 | 7 |
| 8 | 262 | 259E | 256 | 231 | 35.9 | 60.8 | 11.0 | 11.0 | 64.3 | 60.5 | 146 | 238 | 8 |
| 9 | 261 | 260A | 257 | 231 | 35.8 | 61.1 | 11.0 | 44.9 | 84.2 | 60.1 | 146 | 238 | 9 |
| 10 | 262 | 259 | 257 | 231 | 35.8 | 61.3 | 11.0 | 59.1 | 82.6 | 60.5 | 147 | 214 | 10 |
| 11 | 262 | 259 | 257 | 231 | 35.8 | 61.3 | 11.0 | 58.3 | 60.2 | 60.7 | 147 | 199 | 11 |
| 12 | 262 | 259 | 257 | 231 | 36.1 | 61.1 | 11.0 | 58.8 | 60.2 | 60.7 | 147 | 198 | 12 |
| 13 | 262 | 259 | 257 | 231 | 36.0 | 61.2 | 11.0 | 58.6 | 60.3 | 60.9 | 170 | 198 | 13 |
| 14 | 261 | 259 | 257 | 230 | 35.9 | 61.1 | 11.0 | 58.8 | 60.6 | 60.7 | 180 | 199 | 14 |
| 15 | 261 | 259 | 257 | 230 | 36.0 | 31.9 | 11.0 | 58.0 | 60.4 | 60.7 | 190 | 198 | 15 |
| 16 | 262 | 259 | 257 | 231 | 35.9 | 11.0 | 11.0 | 58.0 | 60.4 | 85.0 | 194 | 199 | 16 |
| 17 | 261 | 259 | 257 | 231 | 36.4 | 11.0 | 11.0 | 58.8 | 60.6 | 110 | 198 | 198 | 17 |
| 18 | 261 | 259 | 257 | 231 | 36.9 | 11.0 | 11.0 | 58.7 | 27.5 | 105 | 198 | 212 | 18 |
| 19 | 261 | 259 | 257 | 232 | 36.0 | 11.0 | 11.0 | 60.4 | 11.0 | 105 | 197 | 238 | 19 |
| 20 | 261E | 259 | 257 | 231 | 35.9 | 11.0 | 11.0 | 60.4 | 11.0 | 105 | 197 | 235 | 20 |
| 21 | 261E | 258 | 256 | 231 | 35.7 | 11.0 | 11.0 | 60.2 | 11.0 | 105 | 198 | 238 | 21 |
| 22 | 261E | 258 | 256 | 233 | 36.0 | 11.0 | 11.0 | 60.0 | 11.0 | 105 | 198 | 236 | 22 |
| 23 | 261E | 258 | 258 | 232 | 36.2 | 11.0 | 11.0 | 60.0 | 11.0 | 105 | 197 | 236 | 23 |
| 24 | 261E | 258 | 258 | 232 | 36.2 | 11.0 | 11.0 | 60.1 | 11.0 | 105 | 198 | 236 | 24 |
| 25 | 261E | 258 | 256 | 232 | 34.2 | 11.0 | 11.0 | 60.0 | 11.0 | 107 | 198 | 238 | 25 |
| 26 | 261E | 258 | 256 | 232 | 36.9 | 11.0 | 11.0 | 60.0 | 11.0 | 107 | 198 | 238 | 26 |
| 27 | 260 | 257 | 256 | 231 | 38.6 | 11.0 | 11.0 | 59.9 | 11.0 | 108 | 215 | 238 | 27 |
| 28 | 260 | 257 | 256 | 232 | 62.0 | 11.0 | 11.0 | 60.0 | 11.0 | 128 | 231 | 234 | 28 |
| 29 | 260 |  | 257 | 231 | 62.6 | 11.0 | 11.0 | 60.3 | 11.0 | 154 | 231 | 236 | 29 |
| 30 | 260E |  | 257 | 232 | 62.5 | 11.0 | 11.0 | 59.8 | 11.0 | 147 | 234 | 234 | 30 |
| 31 | 260E |  | 256 |  | 62.7 |  | 11.0 | 60.1 |  | 147 |  | 234 | 31 |
| TOTAL | 8 089 | 7 247 | 7 959 | 6 944 | 1 322.9 | 1 058.2 | 341.0 | 1 448.8 | 1 196.0 | 2 740.7 | 5 394 | 6 999 | TOTAL |
| MEAN | 261 | 259 | 257 | 231 | 42.7 | 35.3 | 11.0 | 46.8 | 39.9 | 88.4 | 180 | 226 | MEAN |
| MAX | 262 | 260 | 258 | 239 | 117 | 63.0 | 11.0 | 60.4 | 84.3 | 154 | 234 | 237 | MAX |
| MIN | 260 | 257 | 255 | 230 | 15.0 | 11.0 | 11.0 | 11.0 | 11.0 | 43.6 | 146 | 198 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 135
MAXIMUM DAILY, 262 ON JAN 1
MINIMUM DAILY, 11.0 ON JUN 16

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 15 N
LONG 94 31 25 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 700 000 | JUL | 29 500 |
| FEB | 625 000 | AUG | 125 000 |
| MAR | 685 000 | SEP | 103 000 |
| APR | 600 000 | OCT | 237 000 |
| MAY | 114 000 | NOV | 466 000 |
| JUN | 91 400 | DEC | 605 000 |

TOTAL DISCHARGE, 4 380 000 dam³

REMARKS - THIS STATION IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

## LAKE ONTARIO AT BURLINGTON - STATION NO. 02HB017

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 74.89 | 75.00 | 74.97 | 75.01 | 75.13 | 75.00 | 74.91 | 74.77 | 74.63 | 74.52 | 74.39 | 74.42 | 1 |
| 2 | 74.92 | 74.97 | 74.98 | 74.99 | 75.15 | 75.00 | --- | 74.78 | 74.64 | 74.49 | 74.38 | 74.33 | 2 |
| 3 | 74.93 | 74.98 | 74.93 | 75.01 | 75.15 | 74.99 | --- | 74.75 | 74.63 | 74.48 | 74.38 | 74.45 | 3 |
| 4 | 74.95 | 74.95 | 74.94 | 75.06 | 75.13 | 74.98 | --- | 74.78 | 74.65 | 74.45 | 74.37 | 74.42 | 4 |
| 5 | 74.95 | 74.97 | 74.96 | 75.06 | 75.12 | 74.97 | --- | 74.70 | 74.65 | 74.47 | 74.30 | 74.42 | 5 |
| 6 | 74.96 | 74.97 | 74.94 | 75.08 | 75.13 | 74.99 | 74.92 | 74.75 | 74.64 | 74.48 | 74.32 | 74.42 | 6 |
| 7 | 74.88 | 74.97 | 74.92 | 75.10 | 75.14 | 74.98 | 74.90 | 74.75 | 74.65 | 74.44 | 74.35 | 74.45 | 7 |
| 8 | 74.91 | 74.99 | 74.94 | 75.12 | 75.12 | 74.94 | 74.89 | 74.73 | 74.67 | 74.44 | 74.38 | 74.48 | 8 |
| 9 | 74.91 | 74.95 | 74.93 | 75.12 | 75.08 | 74.93 | 74.88 | 74.75 | 74.65 | 74.48 | 74.38 | 74.44 | 9 |
| 10 | 74.92 | 74.96 | 74.92 | 75.13 | 75.10 | 74.95 | 74.87 | 74.73 | 74.67 | 74.45 | 74.37 | 74.43 | 10 |
| 11 | 74.87 | 74.98 | 74.94 | 75.16 | 75.08 | 74.95 | 74.87 | 74.75 | 74.67 | 74.44 | 74.34 | 74.48 | 11 |
| 12 | 74.86 | 74.97 | 74.92 | 75.17 | 75.07 | 74.94 | 74.86 | 74.75 | 74.69 | 74.45 | 74.34 | 74.43 | 12 |
| 13 | 74.88 | 74.95 | 74.93 | 75.18 | 75.08 | 74.94 | 74.86 | 74.75 | 74.67 | 74.44 | 74.38 | 74.40 | 13 |
| 14 | 74.89 | 74.96 | 74.94 | 75.18 | 75.08 | 74.95 | 74.82 | 74.75 | 74.64 | 74.44 | 74.35 | 74.44 | 14 |
| 15 | 74.87 | 74.95 | 74.92 | 75.20 | 75.07 | 74.94 | 74.85 | 74.73 | 74.64 | 74.44 | 74.38 | 74.53 | 15 |
| 16 | 74.90 | 74.98 | 74.91 | 75.20 | 75.07 | 74.93 | 74.85 | 74.71 | 74.64 | 74.44 | 74.37 | 74.41 | 16 |
| 17 | 74.91 | 74.97 | 74.89 | 75.19 | 75.06 | 74.94 | 74.84 | 74.68 | 74.66 | 74.43 | 74.38 | 74.46 | 17 |
| 18 | 74.89 | 74.98 | 74.91 | 75.19 | 75.07 | 74.94 | 74.82 | 74.67 | 74.68 | 74.41 | 74.31 | 74.49 | 18 |
| 19 | 74.95 | 74.95 | 74.90 | 75.19 | 75.05 | 74.93 | 74.83 | 74.65 | 74.68 | 74.41 | 74.32 | 74.47 | 19 |
| 20 | 74.89 | 74.96 | 74.90 | 75.19 | 75.07 | 74.92 | 74.83 | 74.64 | 74.61 | 74.40 | 74.33 | 74.48 | 20 |
| 21 | 74.87 | 74.96 | 74.89 | 75.19 | 75.05 | 74.94 | 74.82 | 74.65 | 74.63 | 74.39 | 74.32 | 74.42 | 21 |
| 22 | 74.83 | 74.97 | 74.90 | 75.19 | 75.05 | 74.94 | 74.82 | 74.60 | 74.61 | 74.40 | 74.34 | 74.49 | 22 |
| 23 | 74.81 | 74.83 | 74.90 | 75.18 | 75.03 | 74.93 | 74.82 | 74.57 | 74.58 | 74.39 | 74.34 | 74.48 | 23 |
| 24 | 74.79 | 74.82 | 74.91 | 75.18 | 75.03 | 74.92 | 74.80 | 74.57 | 74.56 | 74.38 | 74.33 | 74.53 | 24 |
| 25 | 74.81 | 74.83 | 74.93 | 75.18 | 75.03 | 74.93 | 74.79 | 74.56 | 74.54 | 74.35 | 74.44 | 74.49 | 25 |
| 26 | 74.83 | 74.83 | 74.90 | 75.17 | 75.02 | 74.92 | 74.78 | 74.57 | 74.50 | 74.40 | 74.37 | 74.50 | 26 |
| 27 | 74.83 | 74.85 | 74.91 | 75.17 | 75.02 | 74.91 | 74.79 | 74.55 | 74.53 | 74.37 | 74.41 | 74.48 | 27 |
| 28 | 74.83 | 74.84 | 74.91 | 75.16 | 75.01 | 74.89 | 74.79 | 74.57 | 74.53 | 74.37 | 74.41 | 74.54 | 28 |
| 29 | 74.87 |  | 74.93 | 75.14 | 75.00 | 74.90 | 74.78 | 74.56 | 74.53 | 74.37 | 74.42 | 74.47 | 29 |
| 30 | 74.84 |  | 74.93 | 75.11 | 75.00 | 74.89 | 74.78 | 74.57 | 74.49 | 74.38 | 74.41 | 74.51 | 30 |
| 31 | 74.83 |  | 74.91 |  | 74.99 |  | 74.87 | 74.58 |  | 74.38 |  | 74.48 | 31 |
| MEAN | 74.91 | 74.95 | 74.92 | 75.14 | 75.07 | 74.94 | --- | 74.67 | 74.55 | 74.42 | 74.36 | 74.47 | MEAN |
| MAX | 74.96 | 75.00 | 74.97 | 75.20 | 75.15 | 75.00 | --- | 74.77 | 74.63 | 74.52 | 74.44 | 74.54 | MAX |
| MIN | 74.79 | 74.82 | 74.88 | 74.99 | 74.99 | 74.89 | --- | 74.55 | 74.49 | 74.35 | 74.30 | 74.39 | MIN |

WATER LEVELS IN METRES

MAXIMUM DAILY, 75.20 ON APR 15
MINIMUM DAILY, 74.30 ON NOV 5
MAXIMUM INSTANTANEOUS,
75.26 AT 04 EST ON APR 23

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 59 N
LONG 79 47 34 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13150 BURLINGTON

## LAKE ONTARIO AT COBOURG - STATION NO 02HD015

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 74.92 | 74.94 | 74.92 | 74.93 | 75.08 | 74.93 | 74.85 | 74.73 | 74.48 | 74.45 | 74.34 | 74.36 | 1 |
| 2 | 74.91 | 74.94 | 74.89 | 74.96 | 75.08 | 74.94 | 74.85 | 74.73 | 74.47 | 74.46 | 74.33 | 74.35 | 2 |
| 3 | 74.91 | 74.94 | 74.88 | 74.95 | 75.10 | 74.95 | 74.85 | 74.71 | 74.48 | 74.42 | 74.33 | 74.37 | 3 |
| 4 | 74.90 | 74.93 | 74.88 | 74.97 | 75.09 | 74.94 | 74.85 | 74.69 | 74.48 | 74.42 | 74.33 | 74.38 | 4 |
| 5 | 74.88 | 74.94 | 74.90 | 75.03 | 75.07 | 74.92 | 74.83 | 74.70 | 74.49 | 74.42 | 74.29 | 74.39 | 5 |
| 6 | 74.89 | 74.93 | 74.88 | 75.06 | 75.07 | 74.92 | 74.84 | 74.69 | 74.49 | 74.43 | 74.27 | 74.38 | 6 |
| 7 | 74.88 | 74.94 | 74.89 | 75.06 | 75.06 | 74.93 | 74.85 | 74.68 | 74.48 | 74.43 | 74.28 | 74.38 | 7 |
| 8 | 74.87 | 74.95 | 74.90 | 75.06 | 75.05 | 74.93 | 74.85 | 74.67 | 74.50 | 74.40 | 74.29 | 74.40 | 8 |
| 9 | 74.88 | 74.95 | 74.90 | 75.07 | 75.04 | 74.91 | 74.86 | 74.68 | 74.51 | 74.41 | 74.32 | 74.40 | 9 |
| 10 | 74.88 | 74.93 | 74.90 | 75.09 | 75.04 | 74.90 | 74.84 | 74.68 | 74.50 | 74.39 | 74.31 | 74.38 | 10 |
| 11 | 74.87 | 74.93 | 74.89 | 75.09 | 75.03 | 74.90 | 74.83 | 74.67 | 74.50 | 74.41 | 74.31 | 74.39 | 11 |
| 12 | 74.85 | 74.93 | 74.89 | 75.10 | 75.02 | 74.90 | 74.82 | 74.67 | 74.52 | 74.41 | 74.31 | 74.40 | 12 |
| 13 | 74.84 | 74.91 | 74.87 | 75.12 | 75.02 | 74.92 | 74.81 | 74.66 | 74.51 | 74.41 | 74.30 | 74.37 | 13 |
| 14 | 74.85 | 74.92 | 74.87 | 75.12 | 75.01 | 74.91 | 74.81 | 74.65 | 74.49 | 74.40 | 74.29 | 74.37 | 14 |
| 15 | 74.85 | 74.91 | 74.87 | 75.13 | 75.02 | 74.91 | 74.80 | 74.65 | 74.47 | 74.39 | 74.30 | 74.46 | 15 |
| 16 | 74.85 | 74.92 | 74.87 | 75.15 | 75.02 | 74.90 | 74.80 | 74.63 | 74.48 | 74.39 | 74.31 | 74.41 | 16 |
| 17 | 74.85 | 74.92 | 74.86 | 75.14 | 75.00 | 74.89 | 74.81 | 74.62 | 74.48 | 74.40 | 74.33 | 74.42 | 17 |
| 18 | 74.87 | 74.92 | 74.88 | 75.14 | 75.00 | 74.90 | 74.80 | 74.60 | 74.53 | 74.36 | 74.29 | 74.42 | 18 |
| 19 | 74.86 | 74.91 | 74.88 | 75.14 | 75.00 | 74.89 | 74.79 | 74.58 | 74.55 | 74.35 | 74.28 | 74.42 | 19 |
| 20 | 74.88 | 74.91 | 74.86 | 75.13 | 75.00 | 74.88 | 74.80 | 74.57 | 74.54 | 74.36 | 74.27 | 74.44 | 20 |
| 21 | 74.85 | 74.91 | 74.85 | 75.13 | 75.00 | 74.88 | 74.79 | 74.57 | 74.53 | 74.37 | 74.27 | 74.40 | 21 |
| 22 | 74.88 | 74.91 | 74.85 | 75.13 | 74.98 | 74.88 | 74.78 | 74.56 | 74.52 | 74.37 | 74.28 | 74.41 | 22 |
| 23 | 74.85 | 74.90 | 74.85 | 75.14 | 74.98 | 74.88 | 74.78 | 74.53 | 74.49 | 74.35 | 74.29 | 74.42 | 23 |
| 24 | 74.83 | 74.89 | 74.85 | 75.13 | 74.97 | 74.87 | 74.78 | 74.52 | 74.48 | 74.35 | 74.29 | 74.43 | 24 |
| 25 | 74.85 | 74.88 | 74.85 | 75.12 | 74.96 | 74.87 | 74.77 | 74.51 | 74.45 | 74.31 | 74.30 | 74.46 | 25 |
| 26 | 74.89 | 74.87 | 74.87 | 75.11 | 74.97 | 74.87 | 74.78 | 74.52 | 74.43 | 74.32 | 74.33 | 74.45 | 26 |
| 27 | 74.92 | 74.89 | 74.87 | 75.10 | 74.96 | 74.87 | 74.74 | 74.54 | 74.45 | 74.34 | 74.33 | 74.44 | 27 |
| 28 | 74.91 | 74.89 | 74.87 | 75.12 | 74.96 | 74.86 | 74.73 | 74.55 | 74.47 | 74.35 | 74.35 | 74.44 | 28 |
| 29 | 74.90 | | 74.87 | 75.10 | 74.95 | 74.85 | 74.74 | 74.54 | 74.47 | 74.34 | 74.38 | 74.43 | 29 |
| 30 | 74.85 | | 74.89 | 75.09 | 74.95 | 74.84 | 74.74 | 74.53 | 74.46 | 74.34 | 74.37 | 74.43 | 30 |
| 31 | 74.83 | | 74.90 | | 74.93 | | 74.73 | 74.51 | | 74.33 | | 74.43 | 31 |
| MEAN | 74.88 | 74.92 | 74.88 | 75.08 | 75.01 | 74.90 | 74.80 | 74.62 | 74.49 | 74.38 | 74.31 | 74.41 | MEAN |
| MAX | 74.95 | 74.95 | 74.92 | 75.15 | 75.10 | 74.95 | 74.86 | 74.73 | 74.55 | 74.46 | 74.38 | 74.46 | MAX |
| MIN | 74.83 | 74.87 | 74.85 | 74.93 | 74.93 | 74.84 | 74.73 | 74.51 | 74.43 | 74.31 | 74.28 | 74.38 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 74.72
MAXIMUM DAILY, 75.15 ON APR 15
MINIMUM DAILY, 74.28 ON NOV 7
MAXIMUM INSTANTANEOUS,
75.21 AT 11 45 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 28 N
LONG 78 09 54 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13590 COBOURG

## LAKE ONTARIO AT KINGSTON - STATION NO 02HM008

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 74.83 | 74.86 | 74.78 | 74.85 | 75.07 | 74.87 | 74.81 | 74.65 | 74.48 | 74.43 | 74.26 | 74.32 | 1 |
| 2 | 74.80 | 74.89 | 74.88 | 74.90 | 75.04 | 74.87 | 74.78 | 74.66 | 74.47 | 74.47 | 74.25 | 74.35 | 2 |
| 3 | 74.84 | 74.89 | 74.84 | 74.90 | 75.01 | 74.89 | 74.81 | 74.67 | 74.46 | 74.41 | 74.28 | 74.33 | 3 |
| 4 | 74.83 | 74.89 | 74.84 | 74.81 | 75.00 | 74.89 | 74.81 | 74.64 | 74.45 | 74.40 | 74.29 | 74.33 | 4 |
| 5 | 74.83 | 74.89 | 74.83 | 74.89 | 75.01 | 74.88 | 74.78 | 74.61 | 74.45 | 74.41 | 74.31 | 74.34 | 5 |
| 6 | 74.83 | 74.89 | 74.84 | 74.84 | 75.01 | 74.87 | 74.78 | 74.62 | 74.44 | 74.40 | 74.28 | 74.35 | 6 |
| 7 | 74.84 | 74.90 | 74.84 | 74.88 | 75.00 | 74.87 | 74.78 | 74.62 | 74.43 | 74.44 | 74.28 | 74.33 | 7 |
| 8 | 74.82 | 74.85 | 74.82 | 75.00 | 75.01 | 74.90 | 74.79 | 74.61 | 74.43 | 74.40 | 74.30 | 74.34 | 8 |
| 9 | 74.81 | 74.86 | 74.74 | 75.03 | 75.00 | 74.88 | 74.78 | 74.59 | 74.46 | 74.43 | 74.28 | 74.36 | 9 |
| 10 | 74.79 | 74.89 | 74.78 | 75.03 | 74.97 | 74.88 | 74.78 | 74.61 | 74.44 | 74.39 | 74.24 | 74.36 | 10 |
| 11 | 74.82 | 74.87 | 74.78 | 75.02 | 74.98 | 74.87 | 74.77 | 74.58 | 74.43 | 74.37 | 74.24 | 74.34 | 11 |
| 12 | 74.82 | 74.87 | 74.82 | 75.03 | 74.98 | 74.88 | 74.76 | 74.58 | 74.47 | 74.36 | 74.28 | 74.37 | 12 |
| 13 | 74.81 | 74.84 | 74.81 | 75.04 | 74.95 | 74.87 | 74.78 | 74.58 | 74.47 | 74.36 | 74.28 | 74.38 | 13 |
| 14 | 74.81 | 74.84 | 74.80 | 75.04 | 74.97 | 74.87 | 74.78 | 74.58 | 74.45 | 74.36 | 74.27 | 74.35 | 14 |
| 15 | 74.80 | 74.85 | 74.79 | 75.04 | 74.96 | 74.87 | 74.77 | 74.58 | 74.44 | 74.34 | 74.23 | 74.34 | 15 |
| 16 | 74.78 | 74.85 | 74.78 | 75.05 | 74.96 | 74.85 | 74.76 | 74.58 | 74.44 | 74.33 | 74.25 | 74.41 | 16 |
| 17 | 74.78 | 74.84 | 74.80 | 75.06 | 74.93 | 74.85 | 74.78 | 74.58 | 74.40 | 74.35 | 74.27 | 74.37 | 17 |
| 18 | 74.81 | 74.85 | 74.79 | 75.07 | 74.92 | 74.84 | 74.76 | 74.58 | 74.39 | 74.34 | 74.33 | 74.38 | 18 |
| 19 | 74.74 | 74.86 | 74.79 | 75.07 | 74.91 | 74.84 | 74.73 | 74.59 | 74.42 | 74.32 | 74.31 | 74.39 | 19 |
| 20 | 74.80 | 74.85 | 74.79 | 75.06 | 74.91 | 74.81 | 74.76 | 74.58 | 74.44 | 74.32 | 74.27 | 74.44 | 20 |
| 21 | 74.83 | 74.85 | 74.79 | 75.05 | 74.91 | 74.80 | 74.75 | 74.57 | 74.43 | 74.31 | 74.23 | 74.44 | 21 |
| 22 | 74.80 | 74.83 | 74.78 | 75.03 | 74.91 | 74.80 | 74.75 | 74.59 | 74.43 | 74.31 | 74.23 | 74.41 | 22 |
| 23 | 74.87 | 74.84 | 74.78 | 75.06 | 74.90 | 74.81 | 74.75 | 74.58 | 74.46 | 74.34 | 74.28 | 74.42 | 23 |
| 24 | 74.88 | 74.85 | 74.77 | 75.03 | 74.91 | 74.81 | 74.75 | 74.58 | 74.43 | 74.33 | 74.27 | 74.38 | 24 |
| 25 | 74.83 | 74.83 | 74.78 | 75.04 | 74.89 | 74.80 | 74.74 | 74.58 | 74.44 | 74.34 | 74.19 | 74.42 | 25 |
| 26 | 74.81 | 74.82 | 74.80 | 75.03 | 74.88 | 74.83 | 74.73 | 74.61 | 74.48 | 74.30 | 74.24 | 74.40 | 26 |
| 27 | 74.84 | 74.80 | 74.78 | 75.05 | 74.90 | 74.82 | 74.74 | 74.48 | 74.43 | 74.35 | 74.23 | 74.41 | 27 |
| 28 | 74.85 | 74.78 | 74.80 | 75.10 | 74.90 | 74.83 | 74.71 | 74.47 | 74.44 | 74.29 | 74.22 | 74.35 | 28 |
| 29 | 74.84 | | 74.78 | 75.05 | 74.90 | 74.82 | 74.70 | 74.47 | 74.45 | 74.28 | 74.25 | 74.33 | 29 |
| 30 | 74.86 | | 74.83 | 75.07 | 74.89 | 74.83 | 74.68 | 74.45 | 74.44 | 74.31 | 74.33 | 74.36 | 30 |
| 31 | 74.88 | | 74.88 | | 74.89 | | 74.67 | 74.48 | | 74.28 | | 74.45 | 31 |
| MEAN | 74.82 | 74.85 | 74.81 | 75.01 | 74.95 | 74.78 | 74.57 | 74.44 | 74.44 | 74.35 | 74.27 | 74.37 | MEAN |
| MAX | 74.88 | 74.90 | 74.88 | 75.10 | 75.07 | 74.90 | 74.81 | 74.67 | 74.48 | 74.47 | 74.33 | 74.46 | MAX |
| MIN | 74.74 | 74.78 | 74.74 | 74.81 | 74.88 | 74.80 | 74.67 | 74.45 | 74.39 | 74.28 | 74.19 | 74.32 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 74.67
MAXIMUM DAILY, 75.10 ON APR 28
MINIMUM DAILY, 74.19 ON NOV 25
MAXIMUM INSTANTANEOUS
75.18 AT 1 30 EST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 13 03 N
LONG 76 31 03 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13988 KINGSTON

## LAKE ONTARIO AT PORT WELLER - STATION NO 02HA018

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 74.83 | 74.84 | 74.82 | 74.84 | 75.08 | 74.84 | 74.84 | 74.71 | 74.49 | 74.47 | 74.33 | 74.38 | 1 |
| 2 | 74.81 | 74.82 | 74.85 | 74.84 | 75.08 | 74.84 | 74.84 | 74.72 | 74.50 | 74.46 | 74.33 | 74.36 | 2 |
| 3 | 74.89 | 74.83 | 74.89 | 74.85 | 75.08 | 74.84 | 74.82 | 74.70 | 74.49 | 74.45 | 74.32 | 74.39 | 3 |
| 4 | 74.90 | 74.81 | 74.88 | 75.02 | 75.07 | 74.83 | 74.82 | 74.71 | 74.49 | 74.42 | 74.31 | 74.39 | 4 |
| 5 | 74.89 | 74.83 | 74.89 | 75.02 | 75.08 | 74.83 | 74.83 | 74.71 | 74.48 | 74.43 | 74.28 | 74.38 | 5 |
| 6 | 74.89 | 74.82 | 74.88 | 75.03 | 75.05 | 74.83 | 74.84 | 74.70 | 74.48 | 74.43 | 74.29 | 74.37 | 6 |
| 7 | 74.85 | 74.82 | 74.87 | 75.04 | 75.05 | 74.83 | 74.84 | 74.68 | 74.47 | 74.41 | 74.30 | 74.39 | 7 |
| 8 | 74.85 | 74.86 | 74.89 | 75.06 | 75.04 | 74.81 | 74.82 | 74.67 | 74.50 | 74.42 | 74.30 | 74.39 | 8 |
| 9 | 74.86 | 74.83 | 74.81 | 75.08 | 75.03 | 74.80 | 74.82 | 74.70 | 74.49 | 74.41 | 74.31 | 74.39 | 9 |
| 10 | 74.89 | 74.82 | 74.89 | 75.08 | 75.04 | 74.81 | 74.81 | 74.67 | 74.51 | 74.40 | 74.32 | 74.38 | 10 |
| 11 | 74.83 | 74.83 | 74.80 | 75.10 | 75.04 | 74.81 | 74.81 | 74.70 | 74.52 | 74.40 | 74.30 | 74.41 | 11 |
| 12 | 74.82 | 74.83 | 74.88 | 75.11 | 75.01 | 74.81 | 74.81 | 74.70 | 74.52 | 74.40 | 74.29 | 74.38 | 12 |
| 13 | 74.83 | 74.81 | 74.87 | 75.11 | 75.03 | 74.81 | 74.81 | 74.69 | 74.51 | 74.39 | 74.30 | 74.36 | 13 |
| 14 | 74.84 | 74.84 | 74.86 | 75.15 | 75.02 | 74.81 | 74.80 | 74.68 | 74.48 | 74.38 | 74.30 | 74.39 | 14 |
| 15 | 74.83 | 74.81 | 74.87 | 75.15 | 75.01 | 74.80 | 74.81 | 74.67 | 74.49 | 74.38 | 74.32 | 74.45 | 15 |
| 16 | 74.85 | 74.83 | 74.88 | 75.16 | 75.01 | 74.89 | 74.79 | 74.65 | 74.48 | 74.38 | 74.32 | 74.39 | 16 |
| 17 | 74.85 | 74.82 | 74.84 | 75.15 | 75.01 | 74.88 | 74.78 | 74.63 | 74.50 | 74.37 | 74.32 | 74.42 | 17 |
| 18 | 74.83 | 74.81 | 74.85 | 75.14 | 75.01 | 74.88 | 74.77 | 74.62 | 74.51 | 74.38 | 74.27 | 74.43 | 18 |
| 19 | 74.87 | 74.80 | 74.85 | 75.13 | 75.01 | 74.88 | 74.78 | 74.60 | 74.55 | 74.36 | 74.28 | 74.41 | 19 |
| 20 | 74.85 | 74.81 | 74.84 | 75.13 | 75.01 | 74.87 | 74.79 | 74.59 | 74.55 | 74.35 | 74.30 | 74.42 | 20 |
| 21 | 74.83 | 74.81 | 74.83 | 75.13 | 75.00 | 74.86 | 74.77 | 74.59 | 74.56 | 74.34 | 74.29 | 74.38 | 21 |
| 22 | 74.88 | 74.82 | 74.84 | 75.13 | 74.99 | 74.87 | 74.76 | 74.57 | 74.55 | 74.34 | 74.29 | 74.43 | 22 |
| 23 | 74.81 | 74.88 | 74.85 | 75.13 | 74.98 | 74.86 | 74.78 | 74.56 | 74.61 | 74.34 | 74.30 | 74.42 | 23 |
| 24 | 74.80 | 74.87 | 74.85 | 75.13 | 74.97 | 74.85 | 74.79 | 74.54 | 74.61 | 74.33 | 74.28 | 74.46 | 24 |
| 25 | 74.87 | 74.88 | 74.86 | 75.12 | 74.97 | 74.86 | 74.78 | 74.53 | 74.49 | 74.30 | 74.35 | 74.43 | 25 |
| 26 | 74.89 | 74.88 | 74.85 | 75.12 | 74.97 | 74.88 | 74.74 | 74.84 | 74.47 | 74.34 | 74.33 | 74.45 | 26 |
| 27 | 74.88 | 74.89 | 74.86 | 75.11 | 74.96 | 74.88 | 74.73 | 74.83 | 74.48 | 74.33 | 74.31 | 74.43 | 27 |
| 28 | 74.89 | 74.89 | 74.86 | 75.11 | 74.95 | 74.86 | 74.73 | 74.82 | 74.47 | 74.31 | 74.37 | 74.48 | 28 |
| 29 | 74.91 | | 74.86 | 75.11 | 74.95 | 74.86 | 74.72 | 74.81 | 74.47 | 74.32 | 74.38 | 74.44 | 29 |
| 30 | 74.92 | | 74.87 | 75.07 | 74.94 | 74.84 | 74.72 | 74.82 | 74.47 | 74.32 | 74.38 | 74.45 | 30 |
| 31 | 74.90 | | 74.88 | | 74.94 | | 74.71 | 74.81 | | 74.33 | | 74.41 | 31 |
| MEAN | 74.87 | 74.91 | 74.87 | 75.09 | 75.01 | 74.85 | 74.79 | 74.63 | 74.50 | 74.38 | 74.31 | 74.41 | MEAN |
| MAX | 74.83 | 74.88 | 74.92 | 75.16 | 75.08 | 74.84 | 74.84 | 74.72 | 74.56 | 74.47 | 74.38 | 74.46 | MAX |
| MIN | 74.80 | 74.87 | 74.83 | 74.84 | 74.84 | 74.84 | 74.71 | 74.61 | 74.47 | 74.30 | 74.27 | 74.38 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 74.72
MAXIMUM DAILY, 75.16 ON APR 16
MINIMUM DAILY, 74.27 ON NOV 16
MAXIMUM INSTANTANEOUS,
75.20 AT 22 15 EST ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 16 12 N
LONG 79 13 12 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13030 PORT WELLER

## LAKE ONTARIO AT TORONTO - STATION NO 02HC048

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 74.84 | 74.83 | 74.83 | 74.85 | 75.08 | 74.83 | 74.83 | 74.73 | 74.49 | 74.45 | 74.33 | 74.38 | 1 |
| 2 | 74.80 | 74.82 | 74.86 | 74.86 | 75.10 | 74.84 | 74.85 | 74.73 | 74.48 | 74.46 | 74.35 | 74.38 | 2 |
| 3 | 74.89 | 74.83 | 74.89 | 74.86 | 75.09 | 74.86 | 74.84 | 74.71 | 74.48 | 74.42 | 74.34 | 74.39 | 3 |
| 4 | 74.90 | 74.82 | 74.89 | 75.03 | 75.09 | 74.84 | 74.82 | 74.70 | 74.49 | 74.39 | 74.32 | 74.39 | 4 |
| 5 | 74.89 | 74.84 | 74.90 | 75.01 | 75.07 | 74.83 | 74.84 | 74.70 | 74.49 | 74.42 | 74.29 | 74.37 | 5 |
| 6 | 74.88 | 74.82 | 74.87 | 75.03 | 75.05 | 74.84 | 74.85 | 74.70 | 74.49 | 74.42 | 74.28 | 74.36 | 6 |
| 7 | 74.83 | 74.84 | 74.87 | 75.04 | 75.05 | 74.83 | 74.83 | 74.69 | 74.49 | 74.40 | 74.30 | 74.38 | 7 |
| 8 | 74.84 | 74.84 | 74.90 | 75.06 | 75.05 | 74.81 | 74.84 | 74.66 | 74.51 | 74.38 | 74.31 | 74.40 | 8 |
| 9 | 74.87 | 74.84 | 74.90 | 75.07 | 75.05 | 74.49 | 74.83 | 74.70 | 74.50 | 74.42 | 74.28 | 74.39 | 9 |
| 10 | 74.90 | 74.81 | 74.90 | 75.08 | 75.04 | 74.80 | 74.83 | 74.69 | 74.52 | 74.40 | 74.33 | 74.39 | 10 |
| 11 | 74.83 | 74.83 | 74.81 | 75.10 | 75.05 | 74.80 | 74.82 | 74.69 | 74.53 | 74.38 | 74.31 | 74.41 | 11 |
| 12 | 74.83 | 74.82 | 74.87 | 75.11 | 75.01 | 74.89 | 74.81 | 74.68 | 74.53 | 74.39 | 74.29 | 74.38 | 12 |
| 13 | 74.83 | 74.81 | 74.88 | 75.10 | 75.04 | 74.84 | 74.80 | 74.68 | 74.52 | 74.38 | 74.31 | 74.38 | 13 |
| 14 | 74.85 | 74.81 | 74.88 | 75.14 | 75.02 | 74.81 | 74.77 | 74.67 | 74.49 | 74.39 | 74.30 | 74.39 | 14 |
| 15 | 74.83 | 74.80 | 74.86 | 75.14 | 75.00 | 74.80 | 74.78 | 74.67 | 74.50 | 74.38 | 74.32 | 74.47 | 15 |
| 16 | 74.84 | 74.81 | 74.87 | 75.15 | 75.03 | 74.89 | 74.80 | 74.64 | 74.48 | 74.39 | 74.32 | 74.38 | 16 |
| 17 | 74.85 | 74.82 | 74.85 | 75.16 | 75.00 | 74.89 | 74.80 | 74.63 | 74.52 | 74.37 | 74.33 | 74.42 | 17 |
| 18 | 74.85 | 74.82 | 74.88 | 75.14 | 75.01 | 74.88 | 74.78 | 74.61 | 74.53 | 74.36 | 74.27 | 74.43 | 18 |
| 19 | 74.87 | 74.80 | 74.85 | 75.15 | 75.02 | 74.87 | 74.78 | 74.60 | 74.57 | 74.36 | 74.29 | 74.41 | 19 |
| 20 | 74.85 | 74.82 | 74.83 | 75.14 | 75.02 | 74.87 | 74.78 | 74.58 | 74.56 | 74.34 | 74.27 | 74.44 | 20 |
| 21 | 74.83 | 74.82 | 74.82 | 75.14 | 75.01 | 74.87 | 74.77 | 74.59 | 74.57 | 74.33 | 74.28 | 74.40 | 21 |
| 22 | 74.87 | 74.81 | 74.85 | 75.13 | 75.02 | 74.87 | 74.78 | 74.56 | 74.55 | 74.35 | 74.30 | 74.44 | 22 |
| 23 | 74.80 | 74.88 | 74.84 | 75.11 | 74.99 | 74.87 | 74.78 | 74.62 | 74.51 | 74.35 | 74.30 | 74.42 | 23 |
| 24 | 74.78 | 74.86 | 74.85 | 75.14 | 74.96 | 74.88 | 74.76 | 74.62 | 74.49 | 74.32 | 74.27 | 74.47 | 24 |
| 25 | 74.87 | 74.87 | 74.87 | 75.12 | 74.97 | 74.87 | 74.78 | 74.61 | 74.48 | 74.29 | 74.36 | 74.46 | 25 |
| 26 | 74.90 | 74.88 | 74.88 | 75.12 | 74.96 | 74.88 | 74.73 | 74.53 | 74.44 | 74.33 | 74.34 | 74.45 | 26 |
| 27 | 74.80 | 74.90 | 74.86 | 75.11 | 74.95 | 74.85 | 74.72 | 74.53 | 74.48 | 74.33 | 74.36 | 74.43 | 27 |
| 28 | 74.89 | 74.80 | 74.86 | 75.09 | 74.93 | 74.84 | 74.72 | 74.51 | 74.47 | 74.29 | 74.37 | 74.47 | 28 |
| 29 | 74.81 | | 74.89 | 75.11 | 74.95 | 74.84 | 74.73 | 74.50 | 74.47 | 74.32 | 74.38 | 74.44 | 29 |
| 30 | 74.93 | | 74.89 | 75.08 | 74.96 | 74.84 | 74.72 | 74.53 | 74.48 | 74.33 | 74.37 | 74.45 | 30 |
| 31 | 74.89 | | 74.88 | | 74.95 | | 74.73 | 74.50 | | 74.32 | | 74.42 | 31 |
| MEAN | 74.87 | 74.81 | 74.87 | 75.09 | 75.02 | 74.89 | 74.78 | 74.62 | 74.50 | 74.37 | 74.31 | 74.41 | MEAN |
| MAX | 74.94 | 74.84 | 74.93 | 75.16 | 75.10 | 74.89 | 74.85 | 74.73 | 74.57 | 74.46 | 74.38 | 74.47 | MAX |
| MIN | 74.78 | 74.86 | 74.82 | 74.86 | 74.93 | 74.84 | 74.72 | 74.50 | 74.44 | 74.29 | 74.26 | 74.38 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 74.72
MAXIMUM DAILY, 75.16 ON APR 17
MINIMUM DAILY, 74.26 ON NOV 6
MAXIMUM INSTANTANEOUS,
75.22 AT 4 30 EST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 36 N
LONG 79 22 50 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13320 TORONTO

## LAKE SIMCOE NEAR GAMEBRIDGE - STATION NO 02EC015

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.011 | 9.992 | 9.980 | 10.187 | 10.380 | 10.371 | 10.352 | 10.337 | 10.178 | 10.103 | 10.040 | 10.078 | 1 |
| 2 | 10.010 | 9.985 | 9.992 | 10.208 | 10.367 | 10.368 | 10.340 | 10.340 | 10.167 | 10.122 | 10.039 | 10.096 | 2 |
| 3 | 10.017 | 9.990 | 9.995 | 10.221 | 10.343 | 10.384 | 10.354 | 10.342 | 10.139 | 10.083 | 10.049 | 10.084 | 3 |
| 4 | 10.003 | 9.991 | 9.998 | 10.232 | 10.339 | 10.380 | 10.384 | 10.331 | 10.132 | 10.082 | 10.063 | 10.071 | 4 |
| 5 | 9.997 | 9.980 | 9.996 | 10.255 | 10.345 | 10.375 | 10.351 | 10.320 | 10.129 | 10.080 | 10.088 | 10.089 | 5 |
| 6 | 9.991 | 9.987 | 9.996 | 10.279 | 10.344 | 10.362 | 10.351 | 10.316 | 10.130 | 10.075 | 10.088 | 10.071 | 6 |
| 7 | 9.999 | 9.986 | 9.999 | 10.302 | 10.342 | 10.387 | 10.354 | 10.314 | 10.126 | 10.077 | 10.076 | 10.088 | 7 |
| 8 | 9.991 | 9.991 | 10.006 | 10.317 | 10.342 | 10.383 | 10.387 | 10.305 | 10.121 | 10.075 | 10.088 | 10.086 | 8 |
| 9 | 9.992 | 9.992 | 10.022 | 10.320 | 10.354 | 10.380 | 10.377 | 10.292 | 10.127 | 10.078 | 10.084 | 10.072 | 9 |
| 10 | 9.986 | 9.981 | 10.031 | 10.325 | 10.333 | 10.371 | 10.388 | 10.298 | 10.122 | 10.086 | 10.084 | 10.086 | 10 |
| 11 | 10.003 | 9.987 | 10.034 | 10.330 | 10.336 | 10.366 | 10.390 | 10.291 | 10.113 | 10.046 | 10.085 | 10.070 | 11 |
| 12 | 10.001 | 9.986 | 10.039 | 10.332 | 10.342 | 10.370 | 10.393 | 10.283 | 10.117 | 10.045 | 10.081 | 10.077 | 12 |
| 13 | 9.997 | 9.986 | 10.039 | 10.333 | 10.332 | 10.372 | 10.398 | 10.280 | 10.122 | 10.043 | 10.091 | 10.100 | 13 |
| 14 | 9.990 | 9.982 | 10.038 | 10.332 | 10.341 | 10.374 | 10.428 | 10.276 | 10.129 | 10.050 | 10.087 | 10.085 | 14 |
| 15 | 9.996 | 9.981 | 10.037 | 10.333 | 10.350 | 10.371 | 10.412 | 10.273 | 10.118 | 10.038 | 10.071 | 10.083 | 15 |
| 16 | 9.992 | 9.980 | 10.037 | 10.339 | 10.342 | 10.366 | 10.407 | 10.274 | 10.111 | 10.038 | 10.074 | 10.104 | 16 |
| 17 | 9.988 | 9.975 | 10.037 | 10.344 | 10.341 | 10.357 | 10.403 | 10.278 | 10.096 | 10.061 | 10.077 | 10.094 | 17 |
| 18 | 9.997 | 9.976 | 10.031 | 10.348 | 10.332 | 10.358 | 10.403 | 10.288 | 10.087 | 10.052 | 10.100 | 10.086 | 18 |
| 19 | 9.991 | 9.972 | 10.031 | 10.348 | 10.319 | 10.361 | 10.394 | 10.287 | 10.084 | 10.041 | 10.114 | 10.087 | 19 |
| 20 | 9.991 | 9.974 | 10.030 | 10.351 | 10.321 | 10.350 | 10.429 | 10.266 | 10.101 | 10.030 | 10.087 | 10.110 | 20 |
| 21 | 9.990 | 9.971 | 10.035 | 10.351 | 10.331 | 10.347 | 10.423 | 10.243 | 10.107 | 10.031 | 10.051 | 10.140 | 21 |
| 22 | 9.987 | 9.970 | 10.040 | 10.340 | 10.334 | 10.343 | 10.418 | 10.258 | 10.115 | 10.032 | 10.041 | 10.109 | 22 |
| 23 | 9.981 | 9.972 | 10.046 | 10.348 | 10.340 | 10.352 | 10.418 | 10.239 | 10.128 | 10.040 | 10.043 | 10.102 | 23 |
| 24 | 9.991 | 9.973 | 10.058 | 10.340 | 10.339 | 10.354 | 10.418 | 10.217 | 10.109 | 10.050 | 10.047 | 10.089 | 24 |
| 25 | 9.981 | 9.970 | 10.066 | 10.347 | 10.337 | 10.358 | 10.414 | 10.206 | 10.109 | 10.053 | 10.030 | 10.112 | 25 |
| 26 | 9.991 | 9.965 | 10.067 | 10.345 | 10.331 | 10.364 | 10.402 | 10.178 | 10.106 | 10.038 | 10.054 | 10.109 | 26 |
| 27 | 9.989 | 9.965 | 10.100 | 10.348 | 10.328 | 10.363 | 10.400 | 10.181 | 10.066 | 10.048 | 10.048 | 10.120 | 27 |
| 28 | 9.987 | 9.983 | 10.114 | 10.386 | 10.342 | 10.378 | 10.370 | 10.182 | 10.096 | 10.062 | 10.036 | 10.088 | 28 |
| 29 | 9.987 | | 10.124 | 10.382 | 10.347 | 10.389 | 10.381 | 10.175 | 10.106 | 10.056 | 10.053 | 10.086 | 29 |
| 30 | 9.989 | | 10.148 | 10.379 | 10.382 | 10.369 | 10.387 | 10.176 | 10.106 | 10.057 | 10.085 | 10.081 | 30 |
| 31 | 9.994 | | 10.169 | | 10.353 | | 10.343 | 10.174 | | 10.044 | | 10.097 | 31 |
| MEAN | 9.995 | 9.980 | 10.044 | 10.319 | 10.340 | 10.366 | 10.388 | 10.263 | 10.117 | 10.057 | 10.068 | 10.090 | MEAN |
| MAX | 10.017 | 9.992 | 10.169 | 10.379 | 10.380 | 10.384 | 10.428 | 10.343 | 10.178 | 10.122 | 10.114 | 10.140 | MAX |
| MIN | 9.987 | 9.965 | 9.980 | 10.187 | 10.319 | 10.343 | 10.340 | 10.181 | 10.066 | 10.030 | 10.030 | 10.086 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 10.170
MAXIMUM DAILY, 10.428 ON JUL 20
MINIMUM DAILY, 9.965 ON FEB 28
MAXIMUM INSTANTANEOUS,
10.521 AT 16 57 EST ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 22 N
LONG 79 10 02 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 208.724 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - PRIOR TO JUNE 1982 PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE AS 18500 GAMEBRIDGE ONT

## LAKE ST. CLAIR AT BELLE RIVER - STATION NO. 02GH005

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 175.57 | 175.56 | 175.44 | 175.38 | 175.46 | 175.43 | 175.48 | 175.39 | 175.33 | 175.21 | 175.15 | 175.11 | 1 |
| 2 | 175.59 | 175.52 | 175.45 | 175.38 | 175.48 | 175.44 | 175.47 | 175.38 | 175.35 | 175.22 | 175.13 | 175.06 | 2 |
| 3 | 175.58 | 175.51 | 175.51 | 175.43 | 175.46 | 175.46 | 175.45 | 175.39 | 175.34 | 175.27 | 175.10 | 175.08 | 3 |
| 4 | 175.58 | 175.50 | 175.50 | 175.47 | 175.47 | 175.47 | 175.47 | 175.41 | 175.33 | 175.20 | 175.11 | 175.14 | 4 |
| 5 | 175.55 | 175.50 | 175.49 | 175.56 | 175.48 | 175.46 | 175.46 | 175.42 | 175.32 | 175.15 | 175.14 | 175.10 | 5 |
| 6 | 175.53 | 175.48 | 175.47 | 175.54 | 175.44 | 175.44 | 175.45 | 175.39 | 175.31 | 175.17 | 175.10 | 175.08 | 6 |
| 7 | 175.55 | 175.47 | 175.49 | 175.56 | 175.46 | 175.41 | 175.44 | 175.37 | 175.30 | 175.18 | 175.08 | 175.07 | 7 |
| 8 | 175.52 | 175.59 | 175.46 | 175.56 | 175.43 | 175.42 | 175.44 | 175.38 | 175.31 | 175.19 | 175.08 | 175.06 | 8 |
| 9 | 175.51 | 175.53 | 175.47 | 175.53 | 175.41 | 175.46 | 175.44 | 175.40 | 175.30 | 175.12 | 175.14 | 175.03 | 9 |
| 10 | 175.53 | 175.48 | 175.52 | 175.51 | 175.42 | 175.42 | 175.44 | 175.42 | 175.28 | 175.19 | 175.14 | 175.05 | 10 |
| 11 | 175.53 | 175.47 | 175.48 | 175.49 | 175.42 | 175.41 | 175.45 | 175.41 | 175.31 | 175.18 | 175.10 | 175.05 | 11 |
| 12 | 175.49 | 175.48 | 175.40 | 175.50 | 175.46 | 175.41 | 175.44 | 175.40 | 175.31 | 175.18 | 175.06 | 175.02 | 12 |
| 13 | 175.50 | 175.47 | 175.34 | 175.49 | 175.43 | 175.42 | 175.48 | 175.38 | 175.33 | 175.16 | 175.04 | 175.03 | 13 |
| 14 | 175.49 | 175.49 | 175.33 | 175.49 | 175.43 | 175.40 | 175.51 | 175.37 | 175.31 | 175.13 | 175.06 | 175.05 | 14 |
| 15 | 175.54 | 175.42 | 175.39 | 175.50 | 175.47 | 175.43 | 175.48 | 175.35 | 175.30 | 175.14 | 175.07 | 175.00 | 15 |
| 16 | 175.56 | 175.32 | 175.20 | 175.50 | 175.43 | 175.43 | 175.48 | 175.35 | 175.31 | 175.13 | 175.08 | 175.13 | 16 |
| 17 | 175.56 | 175.26 | 175.06 | 175.50 | 175.42 | 175.43 | 175.44 | 175.36 | 175.30 | 175.10 | 175.00 | 175.15 | 17 |
| 18 | 175.56 | 175.21 | 174.98 | 175.49 | 175.44 | 175.42 | 175.43 | 175.36 | 175.32 | 175.09 | 174.98 | 175.10 | 18 |
| 19 | 175.52 | 175.18 | 174.98 | 175.48 | 175.45 | 175.43 | 175.41 | 175.37 | 175.31 | 175.13 | 174.95 | 175.09 | 19 |
| 20 | 175.53 | 175.16 | 175.02 | 175.47 | 175.44 | 175.42 | 175.41 | 175.36 | 175.30 | 175.15 | 175.08 | 175.09 | 20 |
| 21 | 175.49 | 175.17 | 175.14 | 175.50 | 175.43 | 175.44 | 175.43 | 175.33 | 175.29 | 175.11 | 175.06 | 175.07 | 21 |
| 22 | 175.53 | 175.21 | 175.22 | 175.49 | 175.42 | 175.46 | 175.43 | 175.39 | 175.31 | 175.06 | 174.99 | 175.10 | 22 |
| 23 | 175.55 | 175.25 | 175.28 | 175.48 | 175.44 | 175.46 | 175.41 | 175.40 | 175.28 | 175.08 | 174.97 | 175.11 | 23 |
| 24 | 175.52 | 175.30 | 175.32 | 175.56 | 175.43 | 175.46 | 175.41 | 175.38 | 175.29 | 175.12 | 175.00 | 175.12 | 24 |
| 25 | 175.56 | 175.34 | 175.32 | 175.48 | 175.42 | 175.45 | 175.46 | 175.35 | 175.29 | 175.13 | 175.08 | 175.14 | 25 |
| 26 | 175.58 | 175.37 | 175.34 | 175.47 | 175.42 | 175.46 | 175.46 | 175.36 | 175.26 | 175.11 | 175.13 | 175.16 | 26 |
| 27 | 175.59 | 175.41 | 175.37 | 175.47 | 175.42 | 175.45 | 175.44 | 175.41 | 175.25 | 175.13 | 175.15 | 175.14 | 27 |
| 28 | 175.61 | 175.43 | 175.38 | 175.46 | 175.42 | 175.41 | 175.43 | 175.41 | 175.24 | 175.14 | 175.12 | 175.15 | 28 |
| 29 | 175.62 | | 175.39 | 175.46 | 175.41 | 175.40 | 175.40 | 175.38 | 175.23 | 175.13 | 175.09 | 175.25 | 29 |
| 30 | 175.61 | | 175.44 | 175.47 | 175.41 | 175.43 | 175.41 | 175.34 | 175.28 | 175.12 | 175.04 | 175.12 | 30 |
| 31 | 175.59 | | 175.48 | | 175.43 | | 175.40 | 175.35 | | 175.14 | | 175.04 | 31 |
| MEAN | 175.55 | 175.40 | 175.35 | 175.50 | 175.44 | 175.43 | 175.44 | 175.38 | 175.30 | 175.15 | 175.07 | 175.09 | MEAN |
| MAX | 175.62 | 175.59 | 175.67 | 175.57 | 175.47 | 175.46 | 175.51 | 175.42 | 175.35 | 175.27 | 175.15 | 175.25 | MAX |
| MIN | 175.49 | 175.16 | 174.98 | 175.39 | 175.41 | 175.40 | 175.40 | 175.33 | 175.23 | 175.06 | 174.95 | 175.00 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 175.34
MAXIMUM DAILY 175.67 ON MAR 5
MINIMUM DAILY, 174.95 ON NOV 19
MAXIMUM INSTANTANEOUS
175.88 AT 17 19 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 17 49 N
LONG 82 42 37 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11965 BELLE RIVER

## LAKE ST CLAIR AT TECUMSEH - STATION NO 02GH005

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 175.55 | 175.53 | 175.35 | --- | 175.43 | 175.41 | 175.44 | 175.38 | 175.27 | 175.17 | 175.12 | 175.05 | 1 |
| 2 | 175.56 | 175.50 | 175.34 | --- | 175.44 | 175.42 | 175.45 | 175.35 | 175.30 | 175.12 | 175.11 | 174.99 | 2 |
| 3 | 175.53 | 175.48 | 175.44 | --- | 175.45 | 175.43 | 175.42 | 175.36 | 175.30 | 175.20 | 175.08 | 175.06 | 3 |
| 4 | 175.54 | 175.46 | 175.47 | --- | 175.46 | 175.44 | 175.44 | 175.38 | 175.29 | 175.17 | 175.05 | 175.06 | 4 |
| 5 | 175.54 | 175.46 | 175.48 | --- | 175.43 | 175.43 | 175.45 | 175.39 | 175.28 | 175.12 | 175.02 | 175.03 | 5 |
| 6 | 175.51 | 175.44 | 175.45 | --- | 175.42 | 175.42 | 175.43 | 175.37 | 175.26 | 175.13 | 175.01 | 175.05 | 6 |
| 7 | 175.48 | 175.44 | 175.43 | --- | 175.42 | 175.38 | 175.42 | 175.35 | 175.25 | 175.13 | 175.03 | 175.06 | 7 |
| 8 | 175.48 | 175.41 | 175.44 | --- | 175.41 | 175.38 | 175.41 | 175.36 | 175.26 | 175.13 | 175.04 | 175.04 | 8 |
| 9 | 175.49 | 175.46 | 175.51 | --- | 175.37 | 175.41 | 175.42 | 175.36 | 175.25 | 175.08 | 175.07 | 174.97 | 9 |
| 10 | 175.51 | 175.43 | 175.52 | --- | 175.40 | 175.40 | 175.41 | 175.38 | 175.26 | 175.15 | 175.10 | 175.02 | 10 |
| 11 | 175.44 | 175.43 | 175.46 | --- | 175.38 | 175.39 | 175.42 | 175.39 | 175.27 | 175.15 | 175.06 | 175.02 | 11 |
| 12 | 175.45 | 175.40 | --- | --- | 175.43 | 175.38 | 175.41 | 175.38 | 175.27 | 175.14 | 175.01 | 174.93 | 12 |
| 13 | 175.48 | 175.41 | --- | --- | 175.42 | 175.40 | 175.42 | 175.36 | 175.26 | 175.13 | 175.00 | 174.95 | 13 |
| 14 | 175.46 | 175.36 | --- | --- | 175.40 | 175.38 | 175.43 | 175.34 | 175.26 | 175.10 | 175.03 | 175.02 | 14 |
| 15 | 175.49 | 175.32 | --- | --- | 175.44 | 175.41 | 175.44 | 175.33 | 175.26 | 175.12 | 175.04 | 174.98 | 15 |
| 16 | 175.53 | 175.25 | --- | --- | 175.41 | 175.40 | 175.44 | 175.32 | 175.26 | 175.11 | 175.02 | 174.98 | 16 |
| 17 | 175.55 | 175.21 | --- | --- | 175.40 | 175.41 | 175.41 | 175.30 | 175.26 | 175.08 | 174.98 | 175.07 | 17 |
| 18 | 175.52 | 175.18 | --- | --- | 175.43 | 175.39 | 175.40 | 175.33 | 175.27 | 175.08 | 174.90 | 175.06 | 18 |
| 19 | 175.51 | 175.13 | --- | --- | 175.46 | 175.39 | 175.38 | 175.32 | 175.26 | 175.10 | 174.88 | 175.05 | 19 |
| 20 | 175.48 | 175.13 | --- | --- | 175.42 | 175.40 | 175.38 | 175.33 | 175.24 | 175.10 | 174.98 | 175.03 | 20 |
| 21 | 175.44 | 175.16 | --- | --- | 175.41 | 175.43 | 175.39 | 175.30 | 175.23 | 175.04 | 174.97 | 175.01 | 21 |
| 22 | 175.48 | 175.19 | --- | --- | 175.40 | 175.43 | 175.40 | 175.34 | 175.24 | 175.03 | 174.97 | 175.06 | 22 |
| 23 | 175.43 | 175.22 | --- | --- | 175.41 | 175.44 | 175.38 | 175.34 | 175.19 | 175.05 | 174.94 | 175.07 | 23 |
| 24 | 175.48 | 175.26 | --- | --- | 175.42 | 175.43 | 175.37 | 175.35 | 175.23 | 175.06 | 174.98 | 175.10 | 24 |
| 25 | 175.52 | 175.29 | --- | 175.46 | 175.42 | 175.42 | 175.42 | 175.32 | 175.23 | 175.09 | 175.08 | 175.08 | 25 |
| 26 | 175.55 | 175.32 | --- | 175.45 | 175.41 | 175.41 | 175.41 | 175.35 | 175.20 | 175.08 | 175.10 | 175.11 | 26 |
| 27 | 175.58 | 175.35 | --- | 175.43 | 175.40 | 175.37 | 175.41 | 175.40 | 175.20 | 175.08 | 175.14 | 175.09 | 27 |
| 28 | 175.59 | 175.37 | --- | 175.41 | 175.40 | 175.37 | 175.40 | 175.38 | 175.20 | 175.09 | 175.12 | 175.18 | 28 |
| 29 | 175.60 | | --- | 175.41 | 175.39 | 175.36 | 175.38 | 175.37 | 175.17 | 175.08 | 175.08 | 175.14 | 29 |
| 30 | 175.57 | | --- | 175.43 | 175.38 | 175.40 | 175.38 | 175.32 | 175.18 | 175.08 | 174.98 | 175.08 | 30 |
| 31 | 175.58 | | --- | | 175.41 | | 175.38 | 175.30 | | 175.11 | | 174.98 | 31 |
| MEAN | 175.51 | 175.34 | --- | --- | 175.41 | 175.40 | 175.41 | 175.35 | 175.25 | 175.11 | 175.03 | 175.04 | MEAN |
| MAX | 175.61 | 175.53 | --- | --- | 175.46 | 175.44 | 175.45 | 175.40 | 175.30 | 175.20 | 175.14 | 175.18 | MAX |
| MIN | 175.43 | 175.13 | --- | --- | 175.37 | 175.36 | 175.37 | 175.30 | 175.18 | 175.03 | 174.88 | 174.93 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MINIMUM DAILY, 174.88 ON NOV 19
MAXIMUM INSTANTANEOUS,
175.73 AT 12 45 EST ON JAN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 20 23 N
LONG 82 55 24 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11975 TECUMSEH

## LAKE ST JOSEPH ABOVE RAT RAPIDS DAM - STATION NO 04GA004

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 372.200 | 372.140 | 372.080 | 371.980 | 372.130 | 372.290 | 372.320 | 372.280 | 372.220 | 372.040 | 371.880 | 371.770 | 1 |
| 2 | 372.200 | 372.140 | 372.080 | 371.970 | 372.140 | 372.350 | 372.300 | 372.280E | 372.210 | 372.280 | 371.880 | 371.770 | 2 |
| 3 | 372.200 | 372.140 | 372.080 | 371.970 | 372.150 | 372.350 | 372.330 | 372.250E | 372.220 | 372.250 | 371.880 | 371.770 | 3 |
| 4 | 372.200 | 372.140 | 372.080 | 371.960 | 372.170 | 372.320 | 372.350 | 372.250E | 372.230 | 372.250 | 371.910 | 371.770 | 4 |
| 5 | 372.200 | 372.140 | 372.080 | 371.980 | 372.200 | 372.310 | 372.340 | 372.240E | 372.210 | 372.240 | 371.910 | 371.780 | 5 |
| 6 | 372.200 | 372.140 | 372.070 | 371.980 | 372.180 | 372.300 | 372.340 | 372.240E | 372.190 | 372.240 | 371.920 | 371.780 | 6 |
| 7 | 372.200 | 372.140 | 372.070 | 371.980 | 372.180 | 372.250 | 372.340 | 372.230E | 372.180 | 372.230 | 371.890 | 371.780 | 7 |
| 8 | 372.200 | 372.140 | 372.070 | 371.980 | 372.230 | 372.280 | 372.350 | 372.230E | 372.200 | 372.230 | 371.870 | 371.780 | 8 |
| 9 | 372.190 | 372.140 | 372.080 | 371.970 | 372.180 | 372.310 | 372.300 | 372.220E | 372.190 | 372.220 | 371.870 | 371.780 | 9 |
| 10 | 372.190 | 372.140 | 372.080 | 371.970 | 372.150 | 372.320 | 372.310 | 372.220 | 372.180 | 372.080 | 371.840 | 371.780 | 10 |
| 11 | 372.190 | 372.120 | 372.080 | 371.970 | 372.170 | 372.310 | 372.300 | 372.240 | 372.180 | 372.010 | 371.840 | 371.780 | 11 |
| 12 | 372.190 | 372.120 | 372.040 | 371.970 | 372.200 | 372.320 | 372.270 | 372.290 | 372.200 | 371.980 | 371.840 | 371.730 | 12 |
| 13 | 372.170 | 372.110 | 372.030 | 371.890 | 372.230 | 372.320 | 372.300 | 372.280 | 372.200 | 372.000 | 371.840 | 371.730 | 13 |
| 14 | 372.150 | 372.100 | 372.030 | 372.000 | 372.210 | 372.380 | 372.330 | 372.280 | 372.200 | 372.050 | 371.830 | 371.740 | 14 |
| 15 | 372.130 | 372.080 | 372.030 | 372.000 | 372.200 | 372.370 | 372.320 | 372.260 | 372.180 | 371.980 | 371.820 | 371.740 | 15 |
| 16 | 372.120 | 372.080 | 372.030 | 372.010 | 372.210 | 372.350 | 372.320 | 372.240 | 372.180 | 371.920 | 371.820 | 371.740 | 16 |
| 17 | 372.130 | 372.090 | 372.020 | 372.020 | 372.180 | 372.370 | 372.330 | 372.250 | 372.140 | 371.940 | 371.830 | 371.740 | 17 |
| 18 | 372.130 | 372.100 | 372.010 | 372.030 | 372.200 | 372.380 | 372.280 | 372.280 | 372.130 | 371.990 | 371.830 | 371.730 | 18 |
| 19 | 372.120 | 372.100 | 372.010 | 372.040 | 372.190 | 372.350 | 372.280 | 372.290 | 372.120 | 371.990 | 371.840 | 371.720 | 19 |
| 20 | 372.110 | 372.100 | 372.010 | 372.050 | 372.200 | 372.370 | 372.340 | 372.290 | 372.120 | 371.940 | 371.830 | 371.720 | 20 |
| 21 | 372.120 | 372.100 | 372.010 | 372.070 | 372.180 | 372.340 | 372.340 | 372.300 | 372.130 | 371.930 | 371.810 | 371.710 | 21 |
| 22 | 372.120 | 372.100 | 372.000 | 372.070 | 372.210 | 372.340 | 372.320 | 372.310 | 372.180 | 371.910 | 371.800 | 371.710 | 22 |
| 23 | 372.120 | 372.100 | 372.000 | 372.090 | 372.240 | 372.370 | 372.330 | 372.290 | 372.130 | 371.910 | 371.810 | 371.710 | 23 |
| 24 | 372.120 | 372.090 | 372.000 | 372.090 | 372.250 | 372.390 | 372.340 | 372.290 | 372.130 | 371.920 | 371.800 | 371.710 | 24 |
| 25 | 372.130 | 372.090 | 372.000 | 372.080 | 372.250 | 372.380 | 372.320 | 372.240 | 372.130 | 371.950 | 371.790 | 371.700 | 25 |
| 26 | 372.130 | 372.090 | 372.000 | 372.100 | 372.230 | 372.380 | 372.330 | 372.250 | 372.080 | 371.930 | 371.790 | 371.700 | 26 |
| 27 | 372.130 | 372.080 | 372.000 | 372.150 | 372.240 | 372.370 | 372.310 | 372.250 | 372.070 | 371.920 | 371.790 | 371.700 | 27 |
| 28 | 372.140 | 372.070 | 372.000 | 372.140 | 372.250 | 372.350 | 372.320 | 372.250 | 372.060 | 371.900 | 371.790 | 371.700 | 28 |
| 29 | 372.140 | | 372.000 | 372.150 | 372.290 | 372.340 | 372.300 | 372.260 | 372.080 | 371.890 | 371.790 | 371.700 | 29 |
| 30 | 372.140 | | 371.980 | 372.150 | 372.280 | 372.340 | 372.270 | 372.280 | 372.060 | 371.890 | 371.780 | 371.680 | 30 |
| 31 | 372.140 | | 371.980 | | 372.240 | | 372.270 | 372.290 | | 371.890 | | 371.680 | 31 |
| MEAN | 372.156 | 372.111 | 372.028 | 372.028 | 372.207 | 372.340 | 372.315 | 372.261 | 372.155 | 372.027 | 371.837 | 371.730 | MEAN |
| MAX | 372.200 | 372.140 | 372.070 | 372.150 | 372.290 | 372.390 | 372.350 | 372.310 | 372.230 | 372.260 | 371.920 | 371.770 | MAX |
| MIN | 372.110 | 372.070 | 371.980 | 371.960 | 372.130 | 372.250 | 372.260 | 372.220 | 372.060 | 371.890 | 371.780 | 371.680 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 372.100
MAXIMUM DAILY, 372.390 ON JUN 24
MINIMUM DAILY, 371.680 ON DEC 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 11 40 N
LONG 90 13 20 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 370.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

## LAKE ST. JOSEPH DIVERSION ABOVE CONTROL DAM - STATION NO. 05QB005

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 371.55 | 371.48 | 371.44 | 371.35 | 371.52 | 371.55 | 371.66 | 371.64 | 371.56 | 371.47 | 371.32 | 371.23 | 1 |
| 2 | 371.55 | 371.48 | 371.43 | 371.35 | 371.51 | 371.59 | 371.70 | 371.61 | 371.57 | 371.46 | 371.30 | 371.22 | 2 |
| 3 | 371.55 | 371.48 | 371.43 | 371.33 | 371.51 | 371.62 | 371.68 | 371.62 | 371.55 | 371.39 | 371.30 | 371.22 | 3 |
| 4 | 371.55 | 371.48 | 371.44 | 371.34 | 371.50 | 371.63 | 371.65 | 371.61 | 371.54 | 371.42 | 371.28 | 371.20 | 4 |
| 5 | 371.55 | 371.48 | 371.42 | 371.33 | 371.49 | 371.62 | 371.65 | 371.60 | 371.56 | 371.45 | 371.28 | 371.21 | 5 |
| 6 | 371.55 | 371.47 | 371.44 | 371.34 | 371.51 | 371.64 | 371.68 | 371.57 | 371.56 | 371.45 | 371.27 | 371.21 | 6 |
| 7 | 371.54 | 371.50 | 371.42 | 371.35 | 371.52 | 371.69 | 371.64 | 371.59 | 371.55 | 371.43 | 371.25 | 371.21 | 7 |
| 8 | 371.54 | 371.51 | 371.43 | 371.34 | 371.53 | 371.68 | 371.63 | 371.58 | 371.55 | 371.44 | 371.28 | 371.20 | 8 |
| 9 | 371.55 | 371.48 | 371.41 | 371.35 | 371.52 | 371.64 | 371.66 | 371.60 | 371.54 | 371.42 | 371.28 | 371.20 | 9 |
| 10 | 371.54 | 371.48 | 371.41 | 371.37 | 371.52 | 371.63 | 371.65 | 371.62 | 371.55 | 371.33 | 371.28 | 371.18 | 10 |
| 11 | 371.56 | 371.48 | 371.41 | 371.38 | 371.52E | 371.66 | 371.67 | 371.58 | 371.55 | 371.39 | 371.24 | 371.19 | 11 |
| 12 | 371.53 | 371.48 | 371.40 | 371.38 | 371.52E | 371.68 | 371.70 | 371.60 | 371.56 | 371.38 | 371.27 | 371.20 | 12 |
| 13 | 371.54 | 371.47 | 371.40 | 371.38 | 371.52 | 371.70 | 371.68 | 371.60 | 371.55 | 371.34 | 371.26 | 371.19 | 13 |
| 14 | 371.53 | 371.47 | 371.40 | 371.38 | 371.52 | 371.66 | 371.64 | 371.62 | 371.53 | 371.33 | 371.26 | 371.19 | 14 |
| 15 | 371.52 | 371.47 | 371.40 | 371.40 | 371.52 | 371.66 | 371.66 | 371.60 | 371.55 | 371.38 | 371.26 | 371.19 | 15 |
| 16 | 371.52 | 371.47 | 371.38 | 371.40 | 371.52 | 371.70 | 371.65 | 371.64 | 371.55 | 371.40 | 371.26 | 371.18 | 16 |
| 17 | 371.52 | 371.47 | 371.38 | 371.41 | 371.48E | 371.68 | 371.65 | 371.64 | 371.55 | 371.36 | 371.27 | 371.17 | 17 |
| 18 | 371.51 | 371.46 | 371.39 | 371.43 | 371.48E | 371.68 | 371.69 | 371.61 | 371.55 | 371.30 | 371.26 | 371.19 | 18 |
| 19 | 371.52 | 371.46 | 371.38 | 371.43 | 371.48E | 371.70 | 371.71 | 371.62 | 371.55 | 371.33 | 371.23 | 371.17 | 19 |
| 20 | 371.51 | 371.46 | 371.38 | 371.43 | 371.48E | 371.68 | 371.64 | 371.62 | 371.54 | 371.36 | 371.25 | 371.17 | 20 |
| 21 | 371.50 | 371.46 | 371.38 | 371.45 | 371.48E | 371.71 | 371.65 | 371.60 | 371.52 | 371.38E | 371.25 | 371.16 | 21 |
| 22 | 371.50 | 371.46 | 371.37 | 371.44 | 371.46E | 371.69 | 371.67 | 371.60 | 371.47 | 371.37 | 371.25 | 371.15 | 22 |
| 23 | 371.50 | 371.45 | 371.37 | 371.46 | 371.51E | 371.67 | 371.67 | 371.60 | 371.50 | 371.36 | 371.25 | 371.15 | 23 |
| 24 | 371.48 | 371.45 | 371.37 | 371.46 | 371.53E | 371.66 | 371.66 | 371.58 | 371.47 | 371.34 | 371.25 | 371.14 | 24 |
| 25 | 371.48E | 371.45 | 371.39 | 371.48 | 371.53F | 371.67 | 371.66 | 371.62 | 371.48 | 371.30 | 371.24 | 371.14 | 25 |
| 26 | 371.48 | 371.44 | 371.37 | 371.47 | 371.51E | 371.67 | 371.65 | 371.60 | 371.49 | 371.31 | 371.24 | 371.13 | 26 |
| 27 | 371.47 | 371.44 | 371.36 | 371.47 | 371.53E | 371.65 | 371.66 | 371.60 | 371.48 | 371.31 | 371.23 | 371.13 | 27 |
| 28 | 371.48E | 371.46 | 371.36 | 371.47 | 371.53E | 371.66 | 371.64 | 371.58 | 371.48 | 371.32 | 371.23 | 371.13 | 28 |
| 29 | 371.49 | | 371.36 | 371.50 | 371.54E | 371.68 | 371.66 | 371.58 | 371.45 | 371.32 | 371.24 | 371.13 | 29 |
| 30 | 371.48E | | 371.36 | 371.49 | 371.58E | 371.66 | 371.67 | 371.58 | 371.48 | 371.30 | 371.24 | 371.14 | 30 |
| 31 | 371.48E | | 371.38 | | 371.58E | | 371.65 | 371.58 | | 371.31 | | 371.13 | 31 |
| MEAN | 371.52 | 371.47 | 371.40 | 371.41 | 371.51 | 371.65 | 371.66 | 371.60 | 371.53 | 371.37 | 371.26 | 371.18 | MEAN |
| MAX | 371.56 | 371.51 | 371.44 | 371.50 | 371.58 | 371.71 | 371.71 | 371.64 | 371.56 | 371.47 | 371.32 | 371.23 | MAX |
| MIN | 371.47 | 371.44 | 371.38 | 371.33 | 371.48 | 371.58 | 371.63 | 371.58 | 371.45 | 371.30 | 371.23 | 371.13 | MIN |

WATER LEVELS IN METRES

### SUMMARY FOR THE YEAR 1987

MEAN, 371.48
MAXIMUM DAILY, 371.71 ON JUN 21
MINIMUM DAILY, 371.13 ON DEC 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 10 N
LONG 91 27 30 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

## LAKE ST. JOSEPH DIVERSION AT ROOT PORTAGE - STATION NO. 05QB006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 70.2 | 86.3 | 82.8 | 57.0 | 88.2 | 70.2 | 77.8 | 76.4 | 72.2 | 84.8 | 85.1 | 49.6 | 1 |
| 2 | 70.2 | 86.3 | 82.2 | 57.0 | 87.5 | 72.8 | 80.7 | 74.3 | 71.6 | 84.2 | 83.9 | 49.0 | 2 |
| 3 | 70.2 | 86.2 | 82.2 | 55.8 | 87.5 | 75.0 | 79.2 | 75.0 | 70.2 | 83.6 | 83.9 | 49.0 | 3 |
| 4 | 70.2 | 86.5 | 82.8 | 56.4 | 86.8 | 75.7 | 77.1 | 74.3 | 69.5 | 81.5 | 82.8 | 47.8 | 4 |
| 5 | 70.2 | 85.5 | 81.5 | 56.8 | 86.2 | 75.0 | 77.1 | 73.6 | 70.9 | 83.5 | 82.8 | 48.4 | 5 |
| 6 | 70.2 | 84.8 | 82.8 | 56.4 | 87.5 | 76.4 | 77.8 | 71.8 | 70.9 | 83.5 | 82.0 | 48.4 | 6 |
| 7 | 69.5 | 86.8 | 81.5 | 57.0 | 88.2 | 78.9 | 76.4 | 72.8 | 70.2 | 82.2 | 80.8 | 48.4 | 7 |
| 8 | 68.5 | 87.5 | 82.2 | 56.4 | 88.8 | 77.8 | 75.7 | 72.2 | 70.2 | 82.8 | 82.6 | 47.8 | 8 |
| 9 | 70.2 | 85.5 | 81.5 | 57.0 | 88.2 | 76.4 | 77.8 | 73.6 | 69.5 | 81.5 | 82.6 | 47.8 | 9 |
| 10 | 69.5 | 86.5 | 81.5 | 58.3 | 86.3 | 75.7 | 77.1 | 75.0 | 70.2 | 85.8 | 82.8 | 46.6 | 10 |
| 11 | 70.9 | 85.5 | 81.5 | 58.6 | 88.2 | 77.8 | 78.5 | 72.2 | 70.2 | 89.8 | 80.2 | 47.3 | 11 |
| 12 | 68.8 | 85.5 | 80.2 | 58.0 | 88.2 | 78.2 | 80.7 | 73.6 | 70.9 | 89.0 | 82.0 | 47.8 | 12 |
| 13 | 69.5 | 84.8 | 80.2 | 59.0 | 88.2 | 80.7 | 78.2 | 73.6 | 70.2 | 86.4 | 81.4 | 47.3 | 13 |
| 14 | 80.2 | 84.8 | 80.2 | 58.6 | 88.2 | 77.8 | 76.4 | 75.0 | 68.8 | 85.8 | 81.4 | 47.2 | 14 |
| 15 | 68.2 | 84.8 | 80.2 | 60.2 | 88.2 | 77.8 | 77.8 | 73.6 | 70.2 | 89.0 | 81.4 | 47.2 | 15 |
| 16 | 68.2 | 84.8 | 58.6 | 60.2 | 88.2 | 80.7 | 77.1 | 76.4 | 70.2 | 80.2 | 81.4 | 46.8 | 16 |
| 17 | 68.2 | 84.8 | 58.6 | 60.9 | 85.5 | 77.8 | 77.1 | 76.4 | 70.2 | 87.7 | 82.0 | 46.0 | 17 |
| 18 | 67.5 | 84.2 | 59.6 | 62.2 | 85.5 | 78.2 | 78.9 | 74.3 | 70.2 | 83.5 | 81.4 | 47.2 | 18 |
| 19 | 68.2 | 84.2 | 59.6 | 62.2 | 85.5 | 80.7 | 81.4 | 75.0 | 70.2 | 85.8 | 80.6 | 46.0 | 19 |
| 20 | 67.5 | 83.5 | 58.0 | 62.2 | 85.5 | 78.2 | 78.4 | 75.0 | 69.5 | 87.7 | 80.8 | 46.0 | 20 |
| 21 | 66.8 | 84.2 | 59.0 | 63.5 | 86.2 | 81.4 | 77.1 | 73.6 | 68.2 | 87.7 | 80.8 | 45.4 | 21 |
| 22 | 66.8 | 84.2 | 58.3 | 62.8 | 84.2 | 78.9 | 78.5 | 73.6 | 68.8 | 86.3 | 80.8 | 44.8 | 22 |
| 23 | 66.8 | 83.5 | 58.3 | 64.2 | 87.5 | 78.5 | 78.5 | 73.6 | 68.8 | 87.7 | 80.8 | 44.8 | 23 |
| 24 | 65.5 | 83.5 | 58.3 | 64.2 | 88.8 | 77.8 | 77.8 | 73.2 | 68.8 | 86.8 | 80.8 | 44.2 | 24 |
| 25 | 65.5 | 83.5 | 58.6 | 66.6 | 88.8 | 78.5 | 77.8 | 75.0 | 68.2 | 83.9 | 80.2 | 44.2 | 25 |
| 26 | 65.5 | 82.8 | 58.3 | 66.6 | 87.5 | 78.5 | 77.1 | 73.6 | 66.2 | 84.5 | 80.2 | 43.6 | 26 |
| 27 | 65.8 | 82.8 | 58.0 | 64.8 | 88.8 | 77.1 | 77.8 | 73.6 | 65.5 | 84.5 | 79.6 | 43.6 | 27 |
| 28 | 65.5 | 83.5 | 57.7 | 64.8 | 88.8 | 77.8 | 76.4 | 70.2 | 66.2 | 85.1 | 79.6 | 43.6 | 28 |
| 29 | 66.2 | | 57.7 | 66.8 | 88.8 | 77.8 | 77.8 | 70.2 | 63.5 | 85.1 | 80.2 | 43.6 | 29 |
| 30 | 66.2 | | 57.7 | 66.2 | 70.9 | 77.8 | 78.5 | 70.2 | 63.5 | 83.9 | 80.2 | 44.2 | 30 |
| 31 | 66.2 | | 57.7 | | 70.9 | | 77.1 | 70.2 | | 84.5 | | 43.6 | 31 |
| TOTAL | 2 103.8 | 1 814.6 | 1 892.3 | 1 819.8 | 2 100.2 | 2 331.0 | 2 415.6 | 2 280.0 | 2 059.7 | 1 804.3 | 1 543.5 | 1 436.8 | TOTAL |
| MEAN | 67.9 | 64.8 | 60.1 | 60.7 | 67.7 | 77.7 | 77.8 | 73.5 | 68.7 | 58.2 | 51.5 | 46.3 | MEAN |
| MAX | 70.9 | 87.5 | 82.8 | 66.8 | 70.9 | 81.4 | 81.4 | 76.4 | 72.2 | 84.8 | 85.1 | 49.6 | MAX |
| MIN | 60.2 | 82.8 | 57.7 | 55.8 | 64.2 | 70.2 | 76.7 | 70.2 | 63.5 | 53.9 | 49.6 | 43.6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

### SUMMARY FOR THE YEAR 1987

MEAN, 64.6
MAXIMUM DAILY, 81.4 ON JUN 21
MINIMUM DAILY, 43.6 ON DEC 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 10 N
LONG 91 27 30 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 182 000 | JUL | 209 000 |
| FEB | 157 000 | AUG | 197 000 |
| MAR | 181 000 | SEP | 178 000 |
| APR | 157 000 | OCT | 156 000 |
| MAY | 181 000 | NOV | 133 000 |
| JUN | 201 000 | DEC | 124 000 |

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

TOTAL DISCHARGE, 2 040 000 dam³

REMARKS - LAKE ST. JOSEPH HAS TWO OUTLETS. THIS DIVERSION CONTRIBUTES FLOW TO THE ENGLISH RIVER SYSTEM

## LAKE ST JOSEPH OUTFLOW TO ALBANY RIVER - STATION NO 04GA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| 29 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 0 | | 0 | | 0 | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | |
|---|---|
| JAN 0 | JUL 0 |
| FEB 0 | AUG 0 |
| MAR 0 | SEP 0 |
| APR 0 | OCT 0 |
| MAY 0 | NOV 0 |
| JUN 0 | DEC 0 |

TOTAL DISCHARGE, 0 $dam^3$

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1958

REMARKS - SUM OF FLOWS THROUGH CEDAR AND RAT RAPIDS DAMS

## LAKE SUPERIOR AT GROS CAP - STATION NO 02BF010

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 183.22 | 183.13 | 183.06 | 183.00 | 183.03 | 183.05 | 183.06 | 183.07 | 183.22 | 183.11 | 183.01 | 183.04 | 1 |
| 2 | 183.21 | 183.16 | 183.20 | 183.07 | 183.02 | 183.04 | 183.03 | 183.16 | 183.19 | 183.25 | 182.89 | 183.04 | 2 |
| 3 | 183.19 | 183.21 | 183.13 | 183.01 | 183.01 | 183.08 | 183.11 | 183.15 | 183.13 | 183.12 | 183.03 | 183.04 | 3 |
| 4 | 183.18 | 183.20 | 183.03 | 183.02 | 183.00 | 183.07 | 183.08 | 183.21 | 183.08 | 183.08 | 183.11 | 183.04 | 4 |
| 5 | 183.16 | 183.18 | 183.04 | 183.05 | 182.99 | 183.08 | 183.05 | 183.19 | 183.10 | 183.11 | 183.19 | 183.02 | 5 |
| 6 | 183.20 | 183.19 | 183.04 | 183.04 | 183.02 | 183.05 | 183.05 | 183.10 | 183.15 | 183.20 | 183.14 | 182.97 | 6 |
| 7 | 183.24 | 183.12 | 183.07 | 183.05 | 183.01 | 183.04 | 183.06 | 183.17 | 183.16 | 183.19 | 183.05 | 182.91 | 7 |
| 8 | 183.23 | 183.26 | 183.11 | 183.02 | 182.99 | 183.14 | 183.06 | 183.14 | 183.15 | 183.08 | 183.10 | 182.93 | 8 |
| 9 | 183.16 | 183.14 | 183.08 | 182.99 | 183.02 | 183.11 | 183.05 | 183.15 | 183.16 | 183.17 | 183.06 | 183.02 | 9 |
| 10 | 183.20 | 183.15 | 183.04 | 183.00 | 182.97 | 183.07 | 183.08 | 183.16 | 183.11 | 183.14 | 183.02 | 183.01 | 10 |
| 11 | 183.23 | 183.08 | 183.03 | 183.02 | 183.02 | 183.05 | 183.08 | 183.08 | 183.13 | 183.10 | 183.01 | 182.94 | 11 |
| 12 | 183.23 | 183.20 | 183.08 | 183.03 | 182.98 | 183.09 | 183.10 | 183.08 | 183.15 | 183.07 | 183.00 | 183.01 | 12 |
| 13 | 183.13 | 183.07 | 183.03 | 183.01 | 182.92 | 183.09 | 183.17 | 183.14 | 183.18 | 183.04 | 183.04 | 183.04 | 13 |
| 14 | 183.21 | 183.11 | 183.05 | 183.02 | 183.02 | 183.10 | 183.16 | 183.12 | 183.17 | 183.08 | 183.01 | 183.01 | 14 |
| 15 | 183.26 | 183.09 | 183.03 | 183.00 | 182.97 | 183.10 | 183.11 | 183.12 | 183.14 | 183.05 | 182.80 | 183.02 | 15 |
| 16 | 183.21 | 183.07 | 183.02 | 182.99 | 182.88 | 183.10 | 183.08 | 183.13 | 183.14 | 183.03 | 182.81 | 183.06 | 16 |
| 17 | 183.14 | 183.08 | 183.02 | 182.96 | 183.03 | 183.05 | 183.07 | 183.20 | 183.12 | 183.15 | 183.03 | 182.99 | 17 |
| 18 | 183.21 | 183.07 | 183.00 | 183.00 | 183.01 | 183.07 | 183.11 | 183.19 | 183.12 | 183.11 | 183.08 | 182.93 | 18 |
| 19 | 183.16 | 183.07 | 183.02 | 182.97 | 183.00 | 183.10 | 183.09 | 183.22 | 183.11 | 183.09 | 183.13 | 182.97 | 19 |
| 20 | 183.18 | 183.06 | 183.04 | 182.98 | 183.02 | 183.07 | 183.14 | 183.18 | 183.13 | 183.07 | 183.10 | 183.04 | 20 |
| 21 | 183.13 | 183.05 | 183.02 | 183.09 | 183.00 | 183.07 | 183.14 | 183.17 | 183.16 | 183.10 | 182.99 | 183.06 | 21 |
| 22 | 183.25 | 183.06 | 182.00 | 183.01 | 183.08 | 183.08 | 183.11 | 183.31 | 183.16 | 183.04 | 182.94 | 182.99 | 22 |
| 23 | 183.25 | 183.10 | 182.98 | 183.06 | 183.07 | 183.08 | 183.13 | 183.25 | 183.18 | 183.06 | 183.03 | 182.99 | 23 |
| 24 | 183.27 | 183.08 | 182.99 | 183.01 | 183.05 | 183.07 | 183.15 | 183.22 | 183.19 | 183.08 | 183.02 | 182.96 | 24 |
| 25 | 183.18 | 183.07 | 183.01 | 182.99 | 183.03 | 183.08 | 183.15 | 183.20 | 183.18 | 183.04 | 183.00 | 183.03 | 25 |
| 26 | 183.13 | 183.05 | 183.05 | 182.97 | 183.02 | 183.10 | 183.18 | 183.17 | 183.14 | 183.01 | 183.00 | 182.96 | 26 |
| 27 | 183.14 | 183.05 | 183.02 | 183.11 | 183.02 | 183.11 | 183.17 | 183.17 | 183.07 | 183.14 | 182.98 | 183.00 | 27 |
| 28 | 183.18 | 183.05 | 183.05 | 183.03 | 183.03 | 183.08 | 183.14 | 183.17 | 183.09 | 183.09 | 182.96 | 182.96 | 28 |
| 29 | 183.05 | | 183.09 | 183.12 | 183.02 | 183.09 | 183.13 | 183.14 | 183.16 | 183.06 | 183.00 | 182.94 | 29 |
| 30 | 183.16 | | 183.10 | 183.05 | 183.05 | 183.10 | 183.13 | 183.18 | 183.18 | 183.10 | 183.06 | 182.80 | 30 |
| 31 | 183.08 | | 183.06 | | 183.08 | | 183.09 | 183.26 | | 183.04 | | 183.02 | 31 |
| MEAN | 183.18 | 183.11 | 183.05 | 183.02 | 183.01 | 183.08 | 183.10 | 183.17 | 183.14 | 183.10 | 183.03 | 182.99 | MEAN |
| MAX | 183.27 | 183.26 | 183.20 | 183.12 | 183.08 | 183.14 | 183.18 | 183.31 | 183.22 | 183.25 | 183.19 | 183.06 | MAX |
| MIN | 183.05 | 183.05 | 182.98 | 182.97 | 182.92 | 183.05 | 183.03 | 183.07 | 183.07 | 183.01 | 182.80 | 182.80 | MIN |

WATER LEVELS IN METRES

MEAN, 183.08
MAXIMUM DAILY, 183.31 ON AUG 22
MINIMUM DAILY, 182.80 ON DEC 30
MAXIMUM INSTANTANEOUS,
183.47 AT 35 EST ON AUG 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 46 N
LONG 84 35 08 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10820 GROS CAP

## LAKE SUPERIOR AT MICHIPICOTEN HARBOUR - STATION NO 0280004

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 183.18 | 183.10 | 182.99 | 182.93 | 182.98 | 183.00 | 183.00 | 183.07 | 183.12 | 183.08 | 182.98 | 182.96 | 1 |
| 2 | 183.16 | 183.10 | 183.09 | 182.98 | 182.97 | 183.02 | 182.99 | 183.13 | 183.09 | 183.08 | 182.97 | 182.97 | 2 |
| 3 | 183.17 | 183.12 | 183.05 | 182.98 | 182.96 | 183.04 | 183.05 | 183.13 | 183.08 | 183.04 | 182.99 | 182.96 | 3 |
| 4 | 183.16 | 183.12 | 183.00 | 182.97 | 182.95 | 183.02 | 183.02 | 183.12 | 183.08 | 183.03 | 183.03 | 182.97 | 4 |
| 5 | 183.16 | 183.13 | 183.02 | 182.98 | 182.95 | 183.02 | 183.00 | 183.08 | 183.09 | 183.05 | 183.03 | 182.95 | 5 |
| 6 | 183.16 | 183.14 | 183.01 | 182.98 | 182.98 | 182.99 | 183.00 | 183.08 | 183.11 | 183.10 | 183.02 | 182.93 | 6 |
| 7 | 183.19 | 183.06 | 183.03 | 182.97 | 182.96 | 183.02 | 183.01 | 183.15 | 183.10 | 183.05 | 182.98 | 182.91 | 7 |
| 8 | 183.21 | 183.08 | 183.00 | 182.96 | 182.96 | 183.06 | 183.01 | 183.09 | 183.10 | 183.01 | 182.98 | 182.92 | 8 |
| 9 | 183.18 | 183.11 | 183.00 | 182.95 | 182.97 | 183.03 | 183.02 | 183.10 | 183.10 | 183.07 | 182.98 | 182.96 | 9 |
| 10 | 183.16 | 183.08 | 183.00 | 182.96 | 182.92 | 183.01 | 183.05 | 183.09 | 183.08 | 183.05 | 182.96 | 182.97 | 10 |
| 11 | 183.22 | 183.05 | 183.01 | 182.96 | 182.97 | 183.01 | 183.05 | 183.06 | 183.09 | 183.03 | 182.98 | 182.94 | 11 |
| 12 | 183.18 | 183.10 | 183.03 | 182.96 | 182.93 | 183.03 | 183.06 | 183.10 | 183.11 | 183.02 | 182.95 | 182.97 | 12 |
| 13 | 183.13 | 183.01 | 182.99 | 182.96 | 182.90 | 183.02 | 183.10 | 183.13 | 183.13 | 183.01 | 182.97 | 182.99 | 13 |
| 14 | 183.17 | 183.03 | 182.98 | 182.95 | 182.95 | 183.05 | 183.07 | 183.11 | 183.12 | 183.04 | 182.93 | 182.96 | 14 |
| 15 | 183.17 | 183.04 | 182.97 | 182.95 | 182.92 | 183.04 | 183.04 | 183.12 | 183.10 | 182.98 | 182.89 | 182.91 | 15 |
| 16 | 183.16 | 183.01 | 182.97 | 182.98 | 182.95 | 183.03 | 183.02 | 183.13 | 183.10 | 183.00 | 182.91 | 182.96 | 16 |
| 17 | 183.16 | 183.02 | 182.97 | 182.96 | 182.96 | 183.00 | 183.07 | 183.18 | 183.07 | 183.06 | 183.00 | 182.93 | 17 |
| 18 | 183.17 | 183.03 | 182.98 | 182.96 | 182.96 | 183.02 | 183.05 | 183.12 | 183.07 | 183.06 | 183.01 | 182.96 | 18 |
| 19 | 183.11 | 183.03 | 182.97 | 182.94 | 182.95 | 183.03 | 183.06 | 183.15 | 183.06 | 183.04 | 183.03 | 182.92 | 19 |
| 20 | 183.16 | 183.03 | 182.98 | 182.97 | 182.97 | 183.01 | 183.11 | 183.14 | 183.08 | 183.01 | 182.99 | 182.96 | 20 |
| 21 | 183.11 | 183.01 | 182.97 | 183.00 | 182.96 | 183.01 | 183.11 | 183.13 | 183.10 | 183.02 | 182.94 | 182.97 | 21 |
| 22 | 183.18 | 183.02 | 182.98 | 182.96 | 182.97 | 183.02 | 183.08 | 183.19 | 183.11 | 182.98 | 182.94 | 182.93 | 22 |
| 23 | 183.16 | 183.03 | 182.95 | 182.98 | 183.00 | 183.00 | 183.11 | 183.15 | 183.12 | 182.98 | 182.97 | 182.95 | 23 |
| 24 | 183.17 | 183.04 | 182.95 | 182.97 | 183.00 | 183.02 | 183.12 | 183.13 | 183.10 | 183.00 | 182.94 | 182.90 | 24 |
| 25 | 183.12 | 183.03 | 182.96 | 182.95 | 182.98 | 183.04 | 183.11 | 183.09 | 183.09 | 183.00 | 182.92 | 182.93 | 25 |
| 26 | 183.13 | 183.01 | 182.99 | 182.96 | 182.96 | 183.05 | 183.12 | 183.09 | 183.06 | 183.01 | 182.94 | 182.96 | 26 |
| 27 | 183.15 | 183.02 | 182.97 | 183.04 | 182.98 | 183.05 | 183.11 | 183.10 | 183.03 | 183.05 | 182.93 | 182.91 | 27 |
| 28 | 183.12 | 182.95 | 183.01 | 182.99 | 182.99 | 183.03 | 183.08 | 183.10 | 183.06 | 183.02 | 182.91 | 182.90 | 28 |
| 29 | 183.06 | | 183.00 | 183.02 | 183.00 | 183.03 | 183.08 | 183.09 | 183.10 | 183.00 | 182.94 | 182.88 | 29 |
| 30 | 183.12 | | 183.01 | 182.98 | 183.01 | 183.04 | 183.06 | 183.18 | 183.08 | 183.01 | 182.85 | 182.88 | 30 |
| 31 | 183.06 | | 182.98 | | 183.02 | | 183.08 | 183.15 | | 182.88 | | 182.96 | 31 |
| MEAN | 183.15 | 183.05 | 182.99 | 182.97 | 182.97 | 183.02 | 183.06 | 183.12 | 183.09 | 183.03 | 182.96 | 182.94 | MEAN |
| MAX | 183.22 | 183.14 | 183.09 | 183.04 | 183.02 | 183.06 | 183.12 | 183.19 | 183.13 | 183.10 | 183.03 | 182.99 | MAX |
| MIN | 183.06 | 182.95 | 182.95 | 182.93 | 182.90 | 182.99 | 182.99 | 183.06 | 183.03 | 182.88 | 182.89 | 182.88 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 183.03
MAXIMUM DAILY, 183.22 ON JAN 11
MINIMUM DAILY, 182.88 ON DEC 29
MAXIMUM INSTANTANEOUS,
183.35 AT 20:30 EST ON AUG 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 57 44 N
LONG 84 54 02 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10780 MICHIPICOTEN

## LAKE SUPERIOR AT ROSSPORT - STATION NO. 02BA004

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 183.14 | 183.08 | 182.97 | --- | 182.94 | 182.98 | 182.97 | 183.07 | 183.04 | 183.05 | 182.95 | 182.92 | 1 |
| 2 | 183.15 | 183.06 | 182.98 | 182.94 | 182.94 | 183.02 | 182.98 | 183.10 | 183.03 | 182.96 | 182.96 | 182.94 | 2 |
| 3 | 183.17 | 183.08 | 182.99 | 182.96 | 182.93 | 183.02 | 182.98 | 183.10 | 183.03 | 183.03 | 182.96 | --- | 3 |
| 4 | 183.16 | 183.07 | 183.00 | 182.96 | 182.93 | 183.01 | 182.98 | 183.08 | 183.04 | 183.02 | 182.98 | --- | 4 |
| 5 | 183.17 | 183.09 | 183.01 | 182.94 | 182.94 | 183.00 | 182.97 | 183.09 | 183.04 | 183.02 | 182.95 | --- | 5 |
| 6 | 183.13 | 183.08 | 183.02 | 182.95 | 182.94 | 182.99 | 182.98 | 183.10 | 183.05 | 182.98 | 182.96 | --- | 6 |
| 7 | 183.15 | 183.04 | 183.01 | 182.94 | 182.93 | 182.99 | 182.99 | 183.09 | 183.04 | 182.96 | 182.95 | --- | 7 |
| 8 | 183.16 | 183.02 | 182.94 | 182.95 | 182.94 | 183.00 | 182.99 | 183.08 | 183.04 | 182.98 | 182.92 | --- | 8 |
| 9 | 183.15 | 183.07 | 182.98 | 182.95 | 182.93 | 183.00 | 182.98 | 183.09 | 183.06 | 182.99 | 182.93 | --- | 9 |
| 10 | 183.12 | 183.04 | 182.99 | 182.95 | 182.91 | 183.00 | 183.01 | 183.07 | 183.06 | 182.99 | 182.94 | --- | 10 |
| 11 | 183.16 | 183.05 | 182.99 | 182.93 | 182.92 | 183.00 | 183.03 | 183.08 | 183.07 | 182.98 | 182.95 | 182.94 | 11 |
| 12 | 183.14 | 183.01 | 182.97 | 182.93 | 182.93 | 183.01 | 183.03 | 183.10 | 183.08 | 182.97 | 182.92 | 182.92 | 12 |
| 13 | 183.15 | 183.01 | 182.97 | --- | 182.93 | 183.00 | 183.02 | 183.09 | 183.09 | 182.98 | 182.92 | 182.93 | 13 |
| 14 | 183.12 | 183.00 | 182.95 | --- | 182.92 | 183.01 | 183.02 | 183.09 | 183.09 | 182.98 | 182.90 | 182.92 | 14 |
| 15 | 183.11 | 183.01 | 182.95 | --- | 182.91 | 183.01 | 183.01 | 183.11 | 183.08 | 182.95 | 182.91 | 182.86 | 15 |
| 16 | 183.12 | 183.01 | 182.95 | --- | 182.93 | 183.00 | 183.02 | 183.12 | 183.06 | 182.97 | 182.93 | 182.86 | 16 |
| 17 | 183.14 | 183.01 | 182.95 | --- | 182.93 | 183.01 | 183.03 | 183.13 | 183.05 | 182.97 | 182.91 | 182.90 | 17 |
| 18 | 183.11 | 183.02 | 182.95 | --- | 182.93 | 183.00 | 183.02 | 183.11 | 183.06 | 183.01 | 182.98 | 182.94 | 18 |
| 19 | 183.08 | 183.02 | 182.95 | --- | 182.95 | 182.99 | 183.06 | 183.12 | 183.07 | 182.99 | 182.95 | 182.90 | 19 |
| 20 | 183.11 | 183.02 | 182.95 | --- | 182.96 | 182.98 | 183.08 | 183.11 | 183.07 | 182.95 | 182.92 | 182.92 | 20 |
| 21 | 183.10 | 183.01 | 182.95 | --- | 182.94 | 182.98 | 183.07 | 183.11 | 183.07 | 182.96 | 182.95 | 182.91 | 21 |
| 22 | 183.06 | 183.01 | 182.95 | --- | 182.94 | 182.99 | 183.08 | 183.09 | 183.10 | --- | 182.94 | 182.90 | 22 |
| 23 | 183.08 | 183.00 | 182.96 | --- | 182.99 | 182.99 | 183.09 | 183.07 | 183.07 | 182.95 | 182.91 | 182.90 | 23 |
| 24 | 183.09 | 183.00 | 182.94 | --- | 182.98 | 183.00 | 183.08 | 183.06 | 183.06 | 182.95 | 182.91 | 182.86 | 24 |
| 25 | 183.08 | 183.01 | 182.93 | --- | 182.96 | 183.00 | 183.07 | 183.04 | 183.08 | 182.99 | 182.90 | 182.89 | 25 |
| 26 | 183.11 | 183.01 | 182.96 | --- | 182.96 | 183.00 | 183.07 | 183.05 | 183.04 | 183.00 | 182.92 | 182.92 | 26 |
| 27 | 183.10 | 183.01 | 182.96 | --- | 182.99 | 183.00 | 183.07 | 183.06 | 183.05 | 182.97 | 182.91 | 182.87 | 27 |
| 28 | 183.07 | 182.94 | --- | --- | 182.95 | 182.99 | 183.08 | 183.05 | 183.06 | 182.96 | 182.90 | 182.86 | 28 |
| 29 | 183.08 | | --- | --- | 183.00 | 182.98 | 183.06 | 183.06 | 183.04 | 182.98 | 182.89 | 182.85 | 29 |
| 30 | 183.06 | | --- | 182.96 | 183.01 | 182.98 | 183.05 | 183.08 | 183.02 | 182.96 | 182.90 | 182.91 | 30 |
| 31 | 183.07 | | --- | | 183.00 | | 183.04 | 183.06 | | 182.96 | | 182.91 | 31 |
| MEAN | 183.12 | 183.03 | --- | --- | 182.95 | 183.00 | 183.03 | 183.09 | 183.06 | --- | 182.93 | --- | MEAN |
| MAX | 183.17 | 183.09 | --- | --- | 183.01 | 183.02 | 183.09 | 183.13 | 183.10 | --- | 182.98 | --- | MAX |
| MIN | 183.06 | 182.94 | --- | --- | 182.91 | 182.98 | 182.97 | 183.04 | 183.02 | --- | 182.89 | --- | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 183.17 ON JAN 3
MINIMUM DAILY, 182.85 ON DEC 29
MAXIMUM INSTANTANEOUS,
183.26 AT 17:28 EST ON AUG 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 02 N
LONG 87 31 10 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10220 ROSSPORT

## LAKE SUPERIOR AT THUNDER BAY - STATION NO 02AB018

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 183.22 | 183.16 | 183.06 | 183.02 | 183.02 | 183.08 | 183.07 | 183.19 | 183.12 | 183.12 | 183.04 | 182.98 | 1 |
| 2 | 183.23 | 183.14 | 183.05 | 183.01 | 183.02 | 183.11 | 183.09 | 183.17 | 183.11 | 183.03 | 183.05 | 182.99 | 2 |
| 3 | 183.25 | 183.13 | 183.07 | 183.04 | 183.02 | 183.09 | 183.06 | 183.16 | 183.13 | 183.12 | 183.04 | 182.98 | 3 |
| 4 | 183.24 | 183.14 | 183.10 | 183.04 | 183.03 | 183.10 | 183.07 | 183.15 | 183.14 | 183.11 | 183.02 | 182.97 | 4 |
| 5 | 183.25 | 183.14 | 183.10 | 183.02 | 183.04 | 183.09 | 183.06 | 183.17 | 183.13 | 183.09 | 182.99 | 182.96 | 5 |
| 6 | 183.21 | 183.14 | 183.12 | 183.02 | 183.01 | 183.09 | 183.08 | 183.19 | 183.13 | 183.03 | 183.00 | 183.00 | 6 |
| 7 | 183.21 | 183.12 | 183.09 | 183.02 | 183.01 | 183.09 | 183.09 | 183.15 | 183.14 | 183.04 | 183.02 | 183.01 | 7 |
| 8 | 183.22 | 183.08 | 183.04 | 183.04 | 183.03 | 183.07 | 183.08 | 183.17 | 183.12 | 183.09 | 182.98 | 183.00 | 8 |
| 9 | 183.22 | 183.13 | 183.05 | 183.03 | 183.01 | 183.09 | 183.08 | 183.16 | 183.14 | 183.05 | 182.98 | 182.97 | 9 |
| 10 | 183.21 | 183.12 | 183.08 | 183.03 | 183.02 | 183.10 | 183.11 | 183.15 | 183.14 | 183.06 | 183.01 | 183.00 | 10 |
| 11 | 183.20 | 183.14 | 183.07 | 183.02 | 183.00 | 183.11 | 183.11 | 183.18 | 183.14 | 183.08 | 183.01 | 183.01 | 11 |
| 12 | 183.20 | 183.08 | 183.05 | 183.02 | 183.02 | 183.10 | 183.12 | 183.19 | 183.13 | 183.06 | 183.01 | 182.98 | 12 |
| 13 | 183.23 | 183.13 | 183.06 | 183.02 | 183.04 | 183.10 | 183.09 | 183.17 | 183.13 | 183.08 | 182.99 | 182.97 | 13 |
| 14 | 183.18 | 183.09 | 183.05 | 183.02 | 183.01 | 183.09 | 183.10 | 183.18 | 183.14 | 183.05 | 183.00 | 182.98 | 14 |
| 15 | 183.15 | 183.10 | 183.06 | 183.02 | 183.02 | 183.09 | 183.11 | 183.13 | 183.14 | 183.08 | 183.02 | 182.95 | 15 |
| 16 | 183.18 | 183.13 | 183.05 | 183.04 | 183.01 | 183.08 | 183.13 | 183.21 | 183.13 | 183.08 | 183.03 | 182.94 | 16 |
| 17 | 183.20 | 183.11 | 183.05 | 183.05 | 183.02 | 183.10 | 183.12 | 183.19 | 183.14 | 183.06 | 182.97 | 182.96 | 17 |
| 18 | 183.17 | 183.11 | 183.04 | 183.04 | 183.03 | 183.10 | 183.13 | 183.20 | 183.14 | 183.07 | 183.03 | 183.00 | 18 |
| 19 | 183.18 | 183.10 | 183.04 | 183.06 | 183.06 | 183.08 | 183.17 | 183.17 | 183.16 | 183.08 | 182.98 | 182.96 | 19 |
| 20 | 183.18 | 183.11 | 183.03 | 183.04 | 183.04 | 183.08 | 183.15 | 183.19 | 183.16 | 183.05 | 182.96 | 182.97 | 20 |
| 21 | 183.18 | 183.11 | 183.03 | 183.01 | 183.03 | 183.06 | 183.16 | 183.19 | 183.14 | 183.04 | 183.03 | 182.96 | 21 |
| 22 | 183.12 | 183.10 | 183.05 | 183.04 | 183.04 | 183.09 | 183.17 | 183.14 | 183.15 | 183.08 | 183.02 | 182.97 | 22 |
| 23 | 183.12 | 183.09 | 183.05 | 183.02 | 183.06 | 183.09 | 183.15 | 183.14 | 183.13 | 183.06 | 182.98 | 182.97 | 23 |
| 24 | 183.12 | 183.09 | 183.04 | 183.03 | 183.06 | 183.09 | 183.15 | 183.15 | 183.14 | 183.05 | 183.00 | 182.95 | 24 |
| 25 | 183.15 | 183.10 | 183.03 | 183.04 | 183.06 | 183.08 | 183.15 | 183.16 | 183.12 | 183.07 | 183.00 | 182.96 | 25 |
| 26 | 183.17 | 183.11 | 183.04 | 183.05 | 183.08 | 183.07 | 183.14 | 183.18 | 183.12 | 183.07 | 183.00 | 182.97 | 26 |
| 27 | 183.16 | 183.09 | 183.04 | 182.99 | 183.07 | 183.07 | 183.14 | 183.14 | 183.14 | 183.02 | 182.99 | 182.95 | 27 |
| 28 | 183.15 | 183.07 | 183.02 | 183.04 | 183.08 | 183.08 | 183.15 | 183.14 | 183.15 | 183.04 | 182.98 | 182.94 | 28 |
| 29 | 183.18 | | 182.99 | 183.00 | 183.09 | 183.06 | 183.15 | 183.16 | 183.10 | 183.06 | 182.98 | 182.96 | 29 |
| 30 | 183.13 | | 183.01 | 183.03 | 183.09 | 183.08 | 183.14 | 183.12 | 183.09 | 183.02 | 182.97 | 182.98 | 30 |
| 31 | 183.17 | | 183.04 | | 183.08 | | 183.16 | 183.11 | | 183.04 | | 182.91 | 31 |
| MEAN | 183.19 | 183.11 | 183.05 | 183.03 | 183.04 | 183.08 | 183.12 | 183.17 | 183.13 | 183.06 | 183.00 | 182.97 | MEAN |
| MAX | 183.25 | 183.16 | 183.12 | 183.05 | 183.08 | 183.11 | 183.17 | 183.21 | 183.16 | 183.12 | 183.05 | 183.01 | MAX |
| MIN | 183.12 | 183.07 | 182.99 | 182.99 | 183.00 | 183.06 | 183.06 | 183.11 | 183.09 | 183.02 | 182.96 | 182.91 | MIN |

WATER LEVELS IN METRES

MEAN, 183.08
MAXIMUM DAILY, 183.25 ON JAN 3
MINIMUM DAILY, 182.91 ON DEC 31
MAXIMUM INSTANTANEOUS,
183.35 AT 14:45 EST ON JUL 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 24 34 N
LONG 89 13 01 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10050 THUNDER BAY

## LARDER RIVER ABOVE RAVEN LAKE - STATION NO 02JC010

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.83 | 1.39 | 1.22 | 7.28 | 8.84 | 3.07 | 2.85 | 2.48E | 1.35 E | 0.480E | 0.860E | 0.675 | 1 |
| 2 | 1.78 | 1.41 | 1.24 | 7.25 | 8.49 | 3.35 | 2.85 | 2.35E | 1.29 A | 0.540E | 0.885E | 0.704 | 2 |
| 3 | 1.70 | 1.42 | 1.27 | 7.11 | 8.34 | 5.30 | 2.84 | 2.32E | 1.23 A | 0.620E | 0.878A | 0.711 | 3 |
| 4 | 1.69 | 1.42 | 1.25 | 6.84 | 8.08 | 6.50 | 2.89 | 2.35E | 0.920E | 0.660E | 0.882 | 0.714 | 4 |
| 5 | 1.88 | 1.37 | 1.25 | 6.87 | 7.78A | 6.54 | 2.89 | 2.35E | 0.700E | 0.880E | 0.875 | 0.730 | 5 |
| 6 | 1.88 | 1.40 | 1.22 | 6.84 | 7.65E | 6.33 | 2.83 | 2.28E | 0.810E | 0.730E | 0.876 | 0.727 | 6 |
| 7 | 1.88 | 1.42 | 1.23 | 6.82 | 7.55E | 6.13 | 2.81 | 2.19E | 0.555E | 0.780E | 0.880 | 0.728 | 7 |
| 8 | 1.84 | 1.45 | 1.22 | 6.84 | 7.35E | 6.19 | 2.89 | 2.10E | 0.530E | 0.840E | 0.853 | 0.723 | 8 |
| 9 | 1.83 | 1.37 | 1.18 | 7.21 | 7.15E | 6.16 | 2.88 | 2.00E | 0.580E | 0.900E | 0.854 | 0.750 | 9 |
| 10 | 1.82 | 1.38 | 1.18 | 7.56 | 7.00E | 5.72 | 3.83 | 1.82E | 0.620E | 0.980E | 0.875 | 0.837 | 10 |
| 11 | 1.54 | 1.39 | 1.15 | 7.86 | 6.80E | 5.55 | 4.73A | 1.64E | 0.610E | 1.03 E | 0.882 | 0.853 | 11 |
| 12 | 1.56 | 1.38 | 1.14 | 8.09 | 3.30E | 5.55 | 4.80E | 1.78E | 0.590E | 1.04 E | 0.871 | 0.903 | 12 |
| 13 | 1.56 | 1.34 | 1.18 | 8.26 | 1.92E | 5.48 | 5.15E | 1.78E | 0.580E | 1.03 E | 0.875 | 0.937 | 13 |
| 14 | 1.56 | 1.32 | 1.20 | 8.29 | 2.10E | 5.26 | 5.10E | 1.70E | 0.590E | 1.01 E | 0.836 | 0.952 | 14 |
| 15 | 1.55 | 1.33 | 1.17 | 8.24 | 2.22E | 5.07 | 5.00E | 1.67E | 0.570E | 0.980E | 0.884 | 0.979 | 15 |
| 16 | 1.49 | 1.33 | 1.13 | 8.16 | 2.23E | 5.10 | 4.80E | 1.64E | 0.550E | 0.940E | 0.848 | 1.06 | 16 |
| 17 | 1.48 | 1.29 | 1.14 | 8.06 | 2.20E | 4.89 | 4.60E | 1.64E | 0.530E | 0.900E | 0.846 | 1.07 | 17 |
| 18 | 1.45 | 1.35 | 1.14 | 8.08 | 2.12E | 4.79 | 4.40E | 1.68E | 0.520E | 0.840E | 0.869 | 1.08 | 18 |
| 19 | 1.41 | 1.30 | 1.10 | 7.97 | 2.07A | 4.73 | 4.20E | 1.70E | 0.510E | 0.800E | 0.873 | 1.14 | 19 |
| 20 | 1.44 | 1.27 | 1.13 | 7.84 | 1.88E | 4.44 | 4.10E | 1.75E | 0.525E | 0.780E | 0.871 | 1.16 | 20 |
| 21 | 1.45 | 1.28 | 1.11 | 7.67 | 1.85E | 4.39 | 3.80E | 1.78E | 0.540E | 0.730E | 0.885 | 1.24 | 21 |
| 22 | 1.42 | 1.24 | 1.10 | 7.37 | 1.92E | 4.17 | 3.65E | 1.75E | 0.535E | 0.700E | 0.857 | 1.26 | 22 |
| 23 | 1.40 | 1.24 | 1.09 | 7.29 | 1.91E | 4.00 | 3.50E | 1.68E | 0.505E | 0.670E | 0.862 | 1.29 | 23 |
| 24 | 1.40 | 1.21 | 1.11 | 7.14 | 1.91E | 3.91 | 3.38E | 1.63E | 0.480E | 0.640E | 0.875 | 1.34 | 24 |
| 25 | 1.43 | 1.20 | 1.13 | 6.92 | 1.91E | 2.97 | 3.20E | 1.76E | 0.460E | 0.625E | 0.893 | 1.42 | 25 |
| 26 | 1.42 | 1.18 | 1.17 | 6.80 | 1.91A | 2.92 | 3.10E | 1.85E | 0.440E | 0.635E | 0.886 | 1.44 | 26 |
| 27 | 1.41 | 1.14 | 1.21 | 7.11 | 1.91 | 2.81 | 2.98E | 1.88E | 0.430E | 0.650E | 0.877 | 1.44 | 27 |
| 28 | 1.43 | 1.16 | 1.26 | 8.06 | 2.06 | 2.92 | 2.85E | 1.82E | 0.430E | 0.670E | 0.870 | 1.43 | 28 |
| 29 | 1.41 | | 1.38 | 8.80 | 2.08 | 2.97 | 2.75E | 1.85E | 0.440E | 0.680E | 0.857 | 1.44 | 29 |
| 30 | 1.43 | | 1.55 | 9.12 | 2.05 | 2.98 | 2.65E | 1.82E | 0.465E | 0.705E | 0.884 | 1.38 | 30 |
| 31 | 1.42 | | 4.44 | | 2.18 | | 2.55E | 1.42E | | 0.700E | | 1.41 | 31 |
| TOTAL | 47.57 | 38.98 | 40.38 | 227.51 | 126.96 | 139.82 | 111.41 | 58.23 | 18.675 | 23.975 | 20.049 | 32.823 | TOTAL |
| MEAN | 1.53 | 1.32 | 1.30 | 7.58 | 4.10 | 4.66 | 3.59 | 1.88 | 0.623 | 0.773 | 0.668 | 1.05 | MEAN |
| MAX | 1.83 | 1.45 | 4.44 | 9.12 | 8.84 | 6.54 | 5.15 | 2.45 | 1.35 | 1.04 | 0.896 | 1.44 | MAX |
| MIN | 1.40 | 1.14 | 1.09 | 6.80 | 1.91 | 2.81 | 2.55 | 1.42 | 0.430 | 0.480 | 0.636 | 0.675 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.43
MAXIMUM DAILY, 9.12 ON APR 30
MINIMUM DAILY, 0.430E ON SEP 27
MAXIMUM INSTANTANEOUS,
9.32 AT 12:23 EST ON APR 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 01 38 N
LONG 79 34 41 W
DRAINAGE AREA, 285 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 110 | JUL | 9 630 |
| FEB | 3 200 | AUG | 5 030 |
| MAR | 3 490 | SEP | 1 610 |
| APR | 19 700 | OCT | 2 070 |
| MAY | 11 000 | NOV | 1 730 |
| JUN | 12 100 | DEC | 2 810 |

TOTAL DISCHARGE, 76 500 dam³

## LAUREL CREEK AT WATERLOO - STATION NO. 02GA024

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.396 | 0.226B | 0.682 | 1.44 | 0.177 | 0.271 | 0.086 | 0.092 | 0.123 | 0.202 | 0.691 | 0.782 | 1 |
| 2 | 0.408 | 0.223 | 0.858 | 1.30 | 0.121 | 0.158 | 0.083 | 3.44 | 0.114 | 0.302 | 0.682 | 0.567 | 2 |
| 3 | 0.335 | 0.269 | 0.682 | 0.981 | 0.128 | 0.096 | 2.21 | 1.32 | 0.102 | 0.203 | 0.856 | 0.448 | 3 |
| 4 | 0.307 | 0.172 | 0.615 | 0.946 | 0.128 | 0.061 | 0.267 | 0.998 | 0.102 | 0.158 | 0.706 | 0.422 | 4 |
| 5 | 0.331 | 0.410 | 0.705 | 3.37 | 0.085 | 0.059 | 0.187 | 0.498 | 0.090 | 0.158 | 1.16 | 0.341 | 5 |
| 6 | 0.315 | 0.239 | 0.564 | 2.72 | 0.095 | 0.053 | 0.292 | 0.202 | 0.085 | 0.207 | 1.19 | 0.315 | 6 |
| 7 | 0.363 | 0.386 | 1.47 | 2.02 | 0.080 | 0.086 | 2.55 | 2.59 | 0.085 | 0.359 | 1.07 | 0.267 | 7 |
| 8 | 0.354 | 0.323 | 2.65 | 1.14 | 0.169 | 0.099 | 3.36 | 0.728 | 0.092 | 0.261 | 1.44 | 0.361 | 8 |
| 9 | 0.323 | 0.309 | 1.69 | 0.445 | 0.076 | 0.061 | 1.80 E | 2.00 | 0.093 | 0.230 | 1.19 | 1.10 | 9 |
| 10 | 0.310 | 0.290 | 1.39 | 0.380 | 0.095 | 0.052 | 0.850E | 0.678 | 0.091 | 0.222 | 0.886 | 0.812 | 10 |
| 11 | 0.353 | 0.275 | 1.20 | 0.354 | 0.119 | 0.048 | 0.370E | 0.841 | 0.524 | 0.177 | 0.507 | 0.705 | 11 |
| 12 | 0.342 | 0.267 | 1.02 | 0.598A | 0.095 | 0.120 | 0.200E | 0.454 | 0.387 | 0.160 | 0.453 | 0.702 | 12 |
| 13 | 0.326 | 0.260B | 0.951 | 0.480E | 0.088 | 0.052 | 0.250E | 0.295 | 0.212 | 0.182 | 0.575 | 0.584 | 13 |
| 14 | 0.404 | 0.233B | 0.884 | 0.362A | 0.388 | 0.046 | 0.623 | 0.216 | 0.188 | 0.179 | 0.343 | 0.384 | 14 |
| 15 | 0.496 | 0.226B | 0.705 | 0.353 | 0.118 | 0.042 | 0.204 | 0.178 | 0.186 | 0.276 | 0.262 | 0.401 | 15 |
| 16 | 0.395 | 0.218B | 0.536 | 0.348 | 0.053 | 0.042 | 0.185 | 0.243 | 0.422 | 0.280 | 0.372 | 0.510 | 16 |
| 17 | 0.543 | 0.210B | 0.519 | 0.436 | 0.052 | 0.038 | 0.128 | 0.225 | 0.776 | 0.294 | 0.481 | 0.541 | 17 |
| 18 | 0.370 | 0.206 | 0.625 | 0.305 | 0.188 | 0.039 | 0.172 | 0.079 | 0.516 | 0.278 | 0.471 | 0.439 | 18 |
| 19 | 0.259 | 0.198 | 0.809 | 0.211 | 0.082 | 0.041 | 0.591 | 0.118 | 0.483 | 0.233 | 0.375 | 0.415 | 19 |
| 20 | 0.320 | 0.198 | 1.15 | 0.140 | 0.091 | 0.036 | 0.596 | 0.107 | 0.419 | 0.272 | 0.313 | 2.85 | 20 |
| 21 | 0.203 | 0.188 | 1.40 | 0.213 | 0.074 | 0.041 | 0.318 | 0.100 | 1.05 | 0.415 | 0.218 | 2.21 | 21 |
| 22 | 0.303 | 0.186 | 1.36 | 0.171 | 0.098 | 1.34 | 0.243 | 0.100 | 0.745 | 0.610 | 0.183 | 1.31 | 22 |
| 23 | 0.2908 | 0.205 | 1.36 | 0.280 | 0.080 | 0.325 | 0.173 | 0.080 | 0.549 | 0.516 | 0.225 | 0.726 | 23 |
| 24 | 0.2858 | 0.213 | 1.30 | 0.189 | 0.074 | 0.029 | 1.83 | 0.078 | 0.423 | 1.17 | 0.290 | 0.625 | 24 |
| 25 | 0.2408 | 0.224 | 1.89 | 0.185 | 0.092 | 0.030 | 0.856 | 0.075 | 0.191 | 0.811 | 2.89 | 2.56 | 25 |
| 26 | 0.2208 | 0.218 | 1.98 | 0.144 | 0.088 | 0.080 | 1.03 | 0.122 | 0.023 | 0.486 | 2.38 | 1.89 | 26 |
| 27 | 0.2108 | 0.220 | 1.36 | 0.263 | 0.081 | 0.026 | 0.821 | 0.185 | 0.182 | 1.84 | 1.51 | 1.21 | 27 |
| 28 | 0.2068 | 0.227 | 1.01 | 0.262 | 0.084 | 0.030 | 0.288 | 0.140 | 0.194 | 0.831 | 0.782 | 0.557 | 28 |
| 29 | 0.2078 |  | 0.741 | 0.229 | 0.084 | 0.032 | 0.147 | 0.122 | 0.284 | 0.787 | 1.50 | 0.368 | 29 |
| 30 | 0.2118 |  | 1.88 | 0.188 | 0.080 | 0.071 | 0.123 | 0.114 | 0.274 | 0.787 | 1.16 | 0.333 | 30 |
| 31 | 0.2198 |  | 1.84 |  | 0.089 |  | 0.107 | 0.180 |  | 0.717 |  | 0.287 | 31 |
| TOTAL | 9.824 | 6.818 | 35.349 | 20.426 | 3.230 | 3.486 | 20.888 | 16.405 | 9.055 | 13.617 | 25.076 | 24.802 | TOTAL |
| MEAN | 0.317 | 0.243 | 1.14 | 0.681 | 0.104 | 0.116 | 0.887 | 0.529 | 0.302 | 0.439 | 0.836 | 0.800 | MEAN |
| MAX | 0.543 | 0.410 | 2.88 | 3.37 | 0.388 | 1.34 | 3.36 | 3.44 | 1.06 | 1.84 | 2.89 | 2.88 | MAX |
| MIN | 0.203 | 0.172 | 0.519 | 0.140 | 0.052 | 0.026 | 0.083 | 0.075 | 0.023 | 0.158 | 0.183 | 0.287 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.617
MAXIMUM DAILY, 3.44 ON AUG 2
MINIMUM DAILY, 0.023 ON SEP 26
MAXIMUM INSTANTANEOUS,
29.3 AT 18:05 EST ON AUG 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 28 08 N
LONG 80 31 08 W
DRAINAGE AREA, 89.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 848 | JUL | 1 790 |
| FEB | 589 | AUG | 1 420 |
| MAR | 3 050 | SEP | 782 |
| APR | 1 760 | OCT | 1 180 |
| MAY | 279 | NOV | 2 170 |
| JUN | 301 | DEC | 2 140 |

TOTAL DISCHARGE, 16 300 dam³

## LITTLE CURRENT RIVER AT PERCY LAKE - STATION NO. 04JF001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17.58 | 13.48 | 12.18 | 13.98 | 46.3 | 53.3 | 45.4 | 40.0 | 33.0 | 28.6 | 42.1 | 33.38 | 1 |
| 2 | 17.38 | 13.38 | 12.18 | 13.88 | 47.2 | 53.9 | 44.8 | 41.7 | 32.5 | 27.2 | 42.3 | 32.58 | 2 |
| 3 | 17.18 | 13.38 | 12.18 | 13.98 | 48.6 | 53.3 | 44.8 | 43.0 | 32.0 | 27.4 | 42.2 | 31.88 | 3 |
| 4 | 16.98 | 13.28 | 12.18 | 13.88 | 50.1 | 52.9 | 44.4 | 44.1 | 31.7 | 27.7 | 42.5 | 31.28 | 4 |
| 5 | 16.78 | 13.18 | 12.08 | 13.88 | 51.1 | 52.5 | 43.5 | 44.7 | 31.2 | 28.0 | 42.1 | 30.58 | 5 |
| 6 | 16.58 | 13.08 | 12.08 | 13.88 | 51.4 | 52.0 | 42.5 | 44.9 | 30.8 | 30.2 | 42.0 | 30.18 | 6 |
| 7 | 16.38 | 13.08 | 12.08 | 13.88 | 51.1 | 51.4 | 41.5 | 44.8 | 30.4 | 32.1 | 41.08 | 29.88 | 7 |
| 8 | 16.18 | 12.98 | 12.08 | 13.88 | 50.6 | 52.7 | 40.8 | 44.4 | 30.1 | 33.8 | 40.58 | 29.38 | 8 |
| 9 | 15.98 | 12.98 | 12.08 | 14.08 | 50.6 | 53.2 | 39.3 | 44.6 | 29.9 | 35.7 | 39.88 | 28.98 | 9 |
| 10 | 15.88 | 12.88 | 12.08 | 14.28 | 49.4 | 53.5 | 38.3 | 44.6 | 29.6 | 37.3 | 39.28 | 28.88 | 10 |
| 11 | 15.78 | 12.78 | 12.08 | 14.58 | 48.3 | 54.1 | 37.3 | 43.8 | 29.7 | 37.9 | 38.78 | 28.48 | 11 |
| 12 | 15.58 | 12.78 | 12.08 | 14.88 | 48.8 | 56.4 | 36.6 | 43.1 | 30.7 | 38.7 | 38.08 | 28.28 | 12 |
| 13 | 15.38 | 12.88 | 12.08 | 15.28 | 47.8 | 58.8 | 37.5 | 42.9 | 30.8 | 39.3 | 37.48 | 28.18 | 13 |
| 14 | 15.18 | 13.68 | 12.08 | 15.88 | 46.8 | 60.5 | 38.3 | 42.5 | 31.3 | 39.9 | 36.88 | 28.08 | 14 |
| 15 | 15.08 | 12.58 | 11.88 | 16.18 | 45.8 | 61.0 | 38.8 | 42.1 | 31.2 | 39.6 | 36.28 | 27.58 | 15 |
| 16 | 14.88 | 12.58 | 11.88 | 16.88 | 45.4 | 61.1 | 38.7 | 41.7 | 31.3 | 39.9 | 36.08 | 27.18 | 16 |
| 17 | 14.78 | 12.48 | 11.88 | 17.48 | 44.5 | 60.9 | 38.6 | 41.9 | 31.0 | 40.6 | 36.78 | 26.78 | 17 |
| 18 | 14.68 | 12.48 | 12.08 | 18.8 | 43.8 | 60.4 | 37.9 | 41.5 | 30.6 | 41.2 | 37.58 | 26.38 | 18 |
| 19 | 14.58 | 12.38 | 12.18 | 19.9 | 42.9 | 59.1 | 37.1 | 41.0 | 30.3 | 41.4 | 38.08 | 25.88 | 19 |
| 20 | 14.48 | 12.38 | 12.38 | 21.3 | 42.3 | 57.9 | 37.1 | 40.3 | 30.2 | 41.3 | 38.58 | 26.38 | 20 |
| 21 | 14.38 | 12.38 | 12.58 | 22.5 | 43.1 | 56.3 | 36.5 | 40.0 | 30.0 | 41.7 | 39.08 | 26.08 | 21 |
| 22 | 14.28 | 12.38 | 12.78 | 23.9 | 43.0 | 56.2 | 36.0 | 40.1 | 29.6 | 41.9 | 39.08 | 24.68 | 22 |
| 23 | 14.08 | 12.28 | 12.98 | 25.6 | 43.5 | 55.6 | 36.6 | 39.8 | 29.1 | 42.0 | 38.88 | 24.28 | 23 |
| 24 | 13.98 | 12.28 | 13.18 | 27.1 | 44.0 | 54.5 | 37.0 | 38.0 | 28.5 | 42.3 | 38.08 | 23.78 | 24 |
| 25 | 13.88 | 12.28 | 13.38 | 28.5 | 44.6 | 53.0 | 37.1 | 37.2 | 27.9 | 42.5 | 37.58 | 23.18 | 25 |
| 26 | 13.78 | 12.28 | 13.48 | 30.8 | 45.2 | 51.7 | 37.9 | 36.5 | 28.8 | 42.4 | 37.08 | 22.78 | 26 |
| 27 | 13.68 | 12.18 | 13.58 | 34.0 | 46.1 | 50.0 | 38.0 | 35.8 | 28.3 | 42.7 | 36.28 | 22.08 | 27 |
| 28 | 13.58 | 12.18 | 13.68 | 36.7 | 47.3 | 48.9 | 38.3 | 35.0 | 28.3 | 42.7 | 35.38 | 21.88 | 28 |
| 29 | 13.58 |  | 13.88 | 40.2 | 48.1 | 47.7 | 38.7 | 34.4 | 28.8 | 42.5 | 34.88 | 20.98 | 29 |
| 30 | 13.58 |  | 13.98 | 42.8 | 51.7 | 46.5 | 39.1 | 34.1 | 28.6 | 42.6 | 34.08 | 20.28 | 30 |
| 31 | 13.48 |  | 13.98 |  | 52.6 |  | 39.6 | 33.8 |  | 42.8 |  | 19.68 | 31 |
| TOTAL | 467.2 | 353.5 | 387.1 | 621.3 | 1 463.3 | 1 638.1 | 1 216.1 | 1 261.3 | 896.5 | 1 171.9 | 1 157.1 | 828.3 | TOTAL |
| MEAN | 15.1 | 12.6 | 12.5 | 20.7 | 47.2 | 54.6 | 39.3 | 40.7 | 29.9 | 37.8 | 38.6 | 26.6 | MEAN |
| MAX | 17.5 | 13.4 | 13.9 | 42.8 | 52.6 | 61.1 | 45.4 | 44.9 | 33.0 | 42.7 | 42.5 | 33.3 | MAX |
| MIN | 13.4 | 12.1 | 11.9 | 13.8 | 42.1 | 46.5 | 36.0 | 33.8 | 28.3 | 28.6 | 34.0 | 19.8 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.4
MAXIMUM DAILY, 61.1 ON JUN 16
MINIMUM DAILY, 11.88 ON MAR 15
MAXIMUM INSTANTANEOUS,
62.3 AT 12:55 EST ON JUN 14

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 30 N
LONG 85 31 55 W
DRAINAGE AREA, 5 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 40 400 | JUL | 105 000 |
| FEB | 30 500 | AUG | 108 000 |
| MAR | 33 400 | SEP | 77 500 |
| APR | 53 700 | OCT | 101 000 |
| MAY | 126 000 | NOV | 100 000 |
| JUN | 142 000 | DEC | 71 300 |

TOTAL DISCHARGE, 990 000 dam³

## LITTLE DON RIVER AT DON MILLS - STATION NO 02HC029

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.24 | 0.899 | 11.8 E | 3.17 E | 1.03 | 2.43 | 0.851 | 0.827 | 0.896 | 0.826 | 0.887 | 1.60 | 1 |
| 2 | 1.25 | 1.15 | 11.4 E | 4.81 E | 1.03 | 1.55 | 0.859 | 3.86 | 0.759 | 0.826 | 0.859 | 1.15 | 2 |
| 3 | 1.21 | 2.15 | 2.97E | 3.89 E | 0.957 | 0.908 | 3.16 | 1.37 | 0.586 | 0.881 | 1.98 | 1.09 | 3 |
| 4 | 1.01 | 1.28 | 1.70E | 5.00 E | 0.923 | 0.792 | 1.33 | 1.80 | 0.584 | 0.817 | 0.808 | 1.12 | 4 |
| 5 | 1.04 | 0.969 | 2.40E | 8.70 E | 0.945 | 0.873 | 0.711 | 0.735 | 0.576 | 0.880 | 0.770 | 0.889 | 5 |
| 6 | 1.04 | 1.05 | 4.00E | 7.50 E | 0.917 | 0.786 | 1.76 | 0.803 | 0.545 | 0.854 | 0.853 | 0.781 | 6 |
| 7 | 1.07 | 1.17 | 7.00E | 5.00 E | 0.877 | 2.31 | 13.2 | 0.622 | 0.573 | 3.31 | 0.708 | 0.733 | 7 |
| 8 | 1.00 | 1.95 | 7.09E | 4.60 E | 0.844 | 1.82 | 4.69 | 0.606 | 1.57 | 1.59 | 2.08 | 0.886 | 8 |
| 9 | 0.959 | 0.949 | 4.35E | 3.00 E | 0.847 | 0.854 | 2.95 | 5.82 | 0.785 | 0.736 | 2.35 | 2.81 | 9 |
| 10 | 1.23 | 1.13 | 1.73E | 2.00 E | 0.864 | 0.731 | 1.72 | 1.37 | 0.804 | 0.888 | 0.851 | 1.46 | 10 |
| 11 | 1.25 | 1.06 | 1.52E | 1.55 E | 1.41 | 0.752 | 1.04 | 0.754 | 0.863 | 0.689 | 0.783 | 1.01 | 11 |
| 12 | 1.30 | 0.996 | 1.42E | 2.00 E | 0.913 | 1.96 | 0.839 | 0.632 | 0.941 | 0.734 | 0.719 | 1.51 | 12 |
| 13 | 1.30 | 0.820 | 1.30E | 3.62 E | 0.831 | 2.76 | 5.06 | 0.610 | 4.81 | 0.695 | 0.887 | 1.03 | 13 |
| 14 | 1.39 | 0.800B | 1.20E | 3.00 E | 1.70 | 0.878 | 8.54 | 0.599 | 0.981 | 0.649 | 0.852 | 0.830 | 14 |
| 15 | 2.82 | 0.700B | 1.10E | 1.82 E | 1.49 | 0.863 | 1.44 | 0.598 | 0.816 | 0.856 | 0.827 | 3.74 | 15 |
| 16 | 1.48 | 0.760B | 1.08E | 1.80 E | 0.851 | 0.863 | 0.984 | 1.31 | 0.590 | 0.880 | 0.862 | 2.97 | 16 |
| 17 | 1.07 | 0.800B | 1.05E | 1.80 E | 0.825 | 0.815 | 0.812 | 2.31 | 2.26 | 1.80 | 1.87 | 1.38 | 17 |
| 18 | 1.13 | 0.840B | 1.02E | 1.35 E | 0.805 | 0.806 | 0.778 | 0.784 | 2.64 | 0.996 | 1.73 | 1.07 | 18 |
| 19 | 1.08 B | 0.880B | 1.01E | 1.25 E | 0.835 | 0.844 | 0.929 | 0.587 | 2.31 | 0.874 | 0.862 | 1.08 | 19 |
| 20 | 1.04 B | 0.920B | 1.05E | 1.15 E | 0.881 | 0.829 | 4.63 | 0.586 | 2.81 | 0.828 | 0.898 | 10.8 | 20 |
| 21 | 1.12 | 0.960B | 1.10E | 1.13 E | 0.874 | 0.804 | 0.821 | 0.562 | 6.38 | 0.841 | 0.820 | 2.96 | 21 |
| 22 | 1.00 | 1.03 B | 1.11E | 1.00 E | 0.874 | 10.1 | 0.709 | 0.546 | 2.12 | 1.05 | 0.849 | 1.79 | 22 |
| 23 | 0.900B | 1.08 B | 1.16E | 1.28 | 0.821 | 1.36 | 0.674 | 0.511 | 0.925 | 2.84 | 0.850 | 1.80 | 23 |
| 24 | 0.740B | 1.05 E | 1.30E | 1.05 | 0.811 | 0.832 | 0.627 | 0.516 | 0.739 | 2.77 | 0.703 | 1.89 | 24 |
| 25 | 0.820B | 0.980E | 1.62E | 0.985 | 0.863 | 0.757 | 0.867 | 0.540 | 0.825 | 1.84 | 8.63 | 3.95 | 25 |
| 26 | 0.840B | 0.820E | 2.10E | 0.854 | 2.01 | 3.06 | 0.880 | 0.529 | 0.850 | 0.811 | 5.74 | 1.81 | 26 |
| 27 | 0.820B | 0.820E | 1.42E | 1.81 | 3.72 | 1.18 | 0.864 | 0.570 | 1.43 | 2.12 | 1.57 | 1.24 | 27 |
| 28 | 0.880B | 1.00 E | 1.32E | 1.55 | 1.88 | 0.913 | 0.823 | 0.775 | 1.79 | 1.07 | 1.27 | 1.08 | 28 |
| 29 | 0.920B | | 1.25E | 1.13 | 0.931 | 0.755 | 0.637 | 1.11 | 1.05 | 0.883 | 9.89 | 0.824 | 29 |
| 30 | 1.20 | | 3.44E | 1.08 | 1.53 | 0.896 | 1.32 | 0.591 | 0.882 | 0.764 | 3.56 | 0.950 | 30 |
| 31 | 1.03 | | 3.35E | | 1.09 | | 0.729 | 2.87 | | 0.709 | | 0.908 | 31 |
| TOTAL | 35.169 | 29.233 | 85.36 | 80.579 | 35.268 | 43.511 | 64.422 | 35.884 | 42.754 | 33.849 | 54.218 | 56.929 | TOTAL |
| MEAN | 1.13 | 1.04 | 2.75 | 2.69 | 1.14 | 1.45 | 2.08 | 1.15 | 1.43 | 1.09 | 1.81 | 1.84 | MEAN |
| MAX | 2.82 | 2.15 | 11.8 | 8.70 | 3.72 | 10.1 | 13.2 | 8.82 | 8.38 | 3.31 | 9.89 | 10.8 | MAX |
| MIN | 0.740 | 0.700 | 1.01 | 0.954 | 0.805 | 0.804 | 0.623 | 0.511 | 0.545 | 0.817 | 0.820 | 0.733 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.64
MAXIMUM DAILY, 13.2 ON JUL 7
MINIMUM DAILY, 0.511 ON AUG 23
MAXIMUM INSTANTANEOUS,
75.0 AT 22:33 EST ON JUL 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 27 N
LONG 79 20 42 W
DRAINAGE AREA, 130 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 040 | JUL | 5 570 |
| FEB | 2 530 | AUG | 3 080 |
| MAR | 7 380 | SEP | 3 690 |
| APR | 8 860 | OCT | 2 920 |
| MAY | 3 050 | NOV | 4 680 |
| JUN | 3 760 | DEC | 4 920 |

TOTAL DISCHARGE, 51 800 dam³

## LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND - STATION NO 02DD020

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 40.9 | 31.4 | 20.9 | 22.6 | 50.2 | 14.0 | 16.3 | 15.0 | 14.2 | 13.1 | 13.6 | 12.6 | 1 |
| 2 | 40.8 | 31.1 | 20.9 | 24.1 | 50.2 | 14.4 | 16.3 | 14.7 | 14.0 | 13.1 | 13.5 | 12.5 | 2 |
| 3 | 40.2 | 30.8 | 20.9 | 25.7 | 50.3 | 14.5 | 16.0 | 14.7 | 14.0 | 13.9 | 13.5 | 12.5 | 3 |
| 4 | 39.8 | 30.1 | 20.2 | 26.8 | 50.4 | 14.4 | 16.1 | 14.4 | 13.7 | 13.8 | 13.5 | 12.3 | 4 |
| 5 | 39.4 | 29.4 | 19.9 | 27.7 | 50.6 | 14.2 | 15.9 | 14.5 | 13.9 | 13.4 | 13.7 | 12.3 | 5 |
| 6 | 39.2 | 29.3 | 19.6 | 28.5 | 50.6 | 14.2 | 15.8 | 14.6 | 13.6 | 13.1 | 14.0 | 12.2 | 6 |
| 7 | 38.7 | 29.0 | 19.4 | 29.5 | 50.8 | 14.1 | 15.8 | 14.7 | 13.6 | 13.1 | 14.1 | 12.1 | 7 |
| 8 | 38.2 | 29.0 | 19.9 | 31.0 | 50.8 | 14.2 | 16.1 | 14.7 | 13.7 | 13.2 | 13.9 | 12.2 | 8 |
| 9 | 37.9 | 29.0 | 18.6 | 32.8 | 50.5 | 15.3 | 15.8 | 14.6 | 13.6 | 13.1 | 13.7 | 12.1 | 9 |
| 10 | 37.6 | 28.5 | 18.0 | 34.4 | 50.5 | 15.1 | 15.7 | 14.5 | 13.5 | 13.1 | 13.5 | 11.8 | 10 |
| 11 | 37.3 | 29.3 | 17.7 | 35.9 | 50.0 | 15.3 | 15.6 | 14.5 | 13.8 | 13.0 | 13.7 | 12.6 | 11 |
| 12 | 36.8 | 27.3 | 17.6 | 36.2 | 50.8 | 15.1 | 15.7 | 14.4 | 13.6 | 12.8 | 13.6 | 12.7 | 12 |
| 13 | 36.2 | 27.1 | 17.3 | 38.0 | 50.6 | 15.7 | 16.2 | 14.2 | 13.5 | 12.8 | 13.4 | 12.7 | 13 |
| 14 | 35.7 | 26.7 | 16.9 | 40.2 | 50.2 | 15.8 | 16.6 | 14.2 | 14.0 | 12.8 | 13.4 | 12.8 | 14 |
| 15 | 35.5 | 26.4 | 16.6 | 41.6 | 49.8 | 15.7 | 16.2 | 14.4 | 13.5 | 12.8 | 13.1 | 12.6 | 15 |
| 16 | 35.3 | 26.2 | 16.3 | 42.9 | 50.2 | 15.8 | 15.8 | 15.0 | 13.6 | 12.6 | 12.5 | 13.1 | 16 |
| 17 | 34.9 | 25.6 | 16.1 | 44.2 | 50.1 | 15.7 | 15.5 | 15.1 | 13.4 | 12.7 | 12.6 | 12.7 | 17 |
| 18 | 34.7 | 25.3 | 15.9 | 44.7 | 50.2 | 15.8 | 15.4 | 15.2 | 13.1 | 12.7 | 13.0 | 12.5 | 18 |
| 19 | 35.0 | 24.9 | 15.4 | 45.3 | 50.6 | 16.0 | 15.8 | 15.2 | 13.0 | 12.7 | 13.1 | 12.6 | 19 |
| 20 | 34.5 | 24.0 | 15.1 | 45.7 | 50.6 | 15.9 | 15.7 | 15.0 | 13.0 | 12.7 | 12.5 | 12.5 | 20 |
| 21 | 34.1 | 23.9 | 14.9 | 46.0 | 50.6 | 16.0 | 15.5 | 14.8 | 13.3 | 12.7 | 12.7 | 12.5 | 21 |
| 22 | 34.0 | 23.7 | 14.8 | 46.3 | 25.2 | 15.9 | 15.5 | 14.8 | 13.4 | 12.7 | 12.6 | 12.3 | 22 |
| 23 | 33.8 | 23.3 | 14.6 | 47.0 | 23.1 | 16.1 | 15.4 | 15.1 | 13.3 | 12.6 | 12.5 | 12.1 | 23 |
| 24 | 33.5 | 22.7 | 14.6 | 47.7 | 16.9 | 16.0 | 15.3 | 14.9 | 13.3 | 12.6 | 12.4 | 12.1 | 24 |
| 25 | 33.4 | 21.9 | 14.7 | 48.1 | 14.5 | 15.9 | 15.3 | 14.6 | 13.2 | 12.7 | 12.3 | 12.1 | 25 |
| 26 | 33.2 | 21.5 | 15.1 | 48.3 | 13.4 | 15.8 | 15.4 | 14.2 | 13.2 | 13.4 | 12.1 | 12.0 | 26 |
| 27 | 32.8 | 21.1 | 15.9 | 48.5 | 13.4 | 16.1 | 15.3 | 14.1 | 13.1 | 13.3 | 12.1 | 11.7 | 27 |
| 28 | 32.6 | 21.1 | 16.7 | 48.4 | 13.5 | 15.9 | 15.2 | 14.1 | 13.0 | 13.7 | 12.1 | 11.8 | 28 |
| 29 | 32.3 | | 17.5 | 48.7 | 13.8 | 16.7 | 15.1 | 14.0 | 12.9 | 13.6 | 11.9 | 11.4 | 29 |
| 30 | 31.8 | | 18.2 | 50.0 | 14.1 | 16.4 | 15.3 | 13.9 | 13.0 | 13.4 | 12.0 | 11.2 | 30 |
| 31 | 31.7 | | 20.9 | | 13.5 | | 14.9 | 13.9 | | 13.5 | | 10.9 | 31 |
| TOTAL | 1 111.4 | 739.4 | 540.1 | 1 180.8 | 1 220.4 | 461.8 | 486.9 | 452.0 | 403.8 | 404.7 | 391.6 | 379.5 | TOTAL |
| MEAN | 35.9 | 26.4 | 17.4 | 39.4 | 39.4 | 15.4 | 15.7 | 14.6 | 13.5 | 13.1 | 13.1 | 12.2 | MEAN |
| MAX | 40.9 | 31.4 | 20.9 | 50.0 | 50.8 | 16.7 | 16.8 | 15.2 | 14.2 | 13.9 | 14.1 | 13.1 | MAX |
| MIN | 31.7 | 21.1 | 14.6 | 22.6 | 13.4 | 14.0 | 14.9 | 13.9 | 12.9 | 12.6 | 11.9 | 10.9 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.3
MAXIMUM DAILY, 50.8 ON MAY 7
MINIMUM DAILY, 10.9 ON DEC 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 23 N
LONG 80 04 44 W

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 98 000 | JUL | 42 100 |
| FEB | 63 900 | AUG | 38 100 |
| MAR | 46 700 | SEP | 34 800 |
| APR | 102 000 | OCT | 35 000 |
| MAY | 105 000 | NOV | 33 800 |
| JUN | 39 900 | DEC | 32 800 |

TOTAL DISCHARGE, 671 000 dam³

REMARKS - REPLACES STATIONS 02DD018 AND 02DD019 AS PART OF FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

## LITTLE MATTLAND RIVER AT BLUEVALE - STATION NO 02FE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4 40 | 2 508 | 3 498 | 16 3 | 1 91 | 0 798 | 0 758 | 0 481 | 0 481 | 0 488 | 2 29 | 15 3 | 1 |
| 2 | 4 32 | 2 548 | 7 188 | 13 4 | 1 78 | 0 781 | 0 712 | 2 85 | 0 489 | 0 499 | 2 00 | 11 5 | 2 |
| 3 | 4 008 | 2 608 | 11 1 8 | 12 0 | 1 88 | 1 24 | 0 689 | 3 39 | 0 499 | 0 520 | 1 99 | 8 35 | 3 |
| 4 | 3 908 | 2 588 | 12 3 8 | 11 3 | 1 54 | 1 24 | 0 636 | 2 85 | 0 490 | 0 508 | 2 08 | 8 82 | 4 |
| 5 | 3 968 | 2 558 | 11 2 8 | 15 4 | 1 48 | 1 05 | 0 624 | 1 49 | 0 485 | 0 493 | 1 87 | 5 60 | 5 |
| 6 | 3 61 | 2 538 | 9 808 | 27 0 | 1 44 | 0 815 | 0 559 | 1 07 | 0 485 | 0 483 | 1 87 | 4 82 | 6 |
| 7 | 3 54 | 2 628 | 8 608 | 20 4 | 1 39 | 0 884 | 4 77 | 0 907 | 0 472 | 0 499 | 1 84 | 4 21 | 7 |
| 8 | 3 38 | 2 538 | 17 2 8 | 12 8 | 1 38 | 0 870 | 8 09 | 0 810 | 0 485 | 0 568 | 3 07 | 3 94 | 8 |
| 9 | 3 35 | 2 428 | 24 5 8 | 9 32 | 1 33 | 0 853 | 5 05 | 1 74 | 0 484 | 0 593 | 9 36 | 5 70 | 9 |
| 10 | 3 05 | 2 248 | 23 1 8 | 7 37 | 1 28 | 0 781 | 3 79 | 3 16 | 0 473 | 0 593 | 9 71 | 8 93 | 10 |
| 11 | 3 43 | 2 018 | 17 0 8 | 6 21 | 1 26 | 0 767 | 1 92 | 2 46 | 0 458 | 0 575 | 5 88 | 8 23 | 11 |
| 12 | 3 24 | 1 838 | 11 3 8 | 5 77 | 1 27 | 0 750 | 1 63 | 1 56 | 0 460 | 0 547 | 4 02 | 6 82 | 12 |
| 13 | 3 16 | 1 748 | 7 808 | 6 57 | 1 22 | 0 734 | 0 985 | 1 17 | 0 475 | 2 72 | 3 23 | 6 85 | 13 |
| 14 | 3 23 | 1 708 | 6 468 | 5 98 | 1 17 | 0 737 | 1 14 | 1 01 | 0 487 | 0 583 | 2 79 | 6 25 | 14 |
| 15 | 3 86 | 1 658 | 5 828 | 5 36 | 1 88 | 0 883 | 1 31 | 8 920 | 0 490 | 0 497 | 2 43 | 5 87 | 15 |
| 16 | 3 908 | 1 598 | 5 538 | 4 86 | 1 84 | 0 809 | 1 16 | 0 809 | 0 478 | 0 488 | 2 21 | 5 85 | 16 |
| 17 | 3 808 | 1 548 | 5 018 | 4 22 | 1 35 | 0 549 | 0 937 | 0 784 | 0 482 | 0 489 | 2 11 | 4 878 | 17 |
| 18 | 3 358 | 1 518 | 6 34 | 3 71 | 1 28 | 0 525 | 0 827 | 0 884 | 0 476 | 0 547 | 2 38 | 4 488 | 18 |
| 19 | 3 158 | 1 498 | 9 40 | 3 29 | 1 31 | 0 510 | 0 815 | 0 847 | 0 459 | 0 568 | 2 61 | 4 278 | 19 |
| 20 | 3 008 | 1 488 | 14 4 | 3 01 | 1 28 | 0 538 | 0 940 | 0 606 | 0 525 | 0 657 | 2 77 | 8 80 | 20 |
| 21 | 2 878 | 1 478 | 18 8 | 2 75 | 1 27 | 0 557 | 0 894 | 0 574 | 0 701 | 0 679 | 2 208 | 19 7 | 21 |
| 22 | 2 788 | 1 528 | 23 4 | 2 60 | 1 19 | 1 10 | 0 829 | 0 546 | 0 718 | 0 772 | 2 148 | 17 7 | 22 |
| 23 | 2 708 | 1 638 | 26 1 | 2 51 | 1 08 | 4 86 | 0 882 | 0 538 | 0 677 | 1 10 | 2 58 | 11 6 | 23 |
| 24 | 2 848 | 1 778 | 26 5 | 1 28 | 1 05 | 4 02 | 0 785 | 0 513 | 0 612 | 1 71 | 4 10 | 8 79 | 24 |
| 25 | 2 588 | 2 089 | 24 3 | 1 28 | 1 01 | 2 00 | 1 02 | 0 507 | 0 533 | 2 87 | 7 27 | 17 9 | 25 |
| 26 | 2 508 | 2 098 | 24 8 | 2 11 | 1 00 | 1 45 | 0 888 | 0 507 | 0 518 | 2 84 | 21 7 | 25 2 | 26 |
| 27 | 2 448 | 2 128 | 20 0 | 2 08 | 0 993 | 1 14 | 0 757 | 0 486 | 0 488 | 3 05 | 20 3 | 17 1 | 27 |
| 28 | 2 428 | 2 228 | 14 3 | 2 22 | 0 946 | 0 999 | 0 641 | 0 474 | 0 458 | 4 68 | 13 1 | 10 0 8 | 28 |
| 29 | 2 418 | | 11 1 | 1 91 | 0 882 | 0 871 | 0 563 | 0 477 | 0 463 | 4 08 | 13 0 | 5 848 | 29 |
| 30 | 2 428 | | 14 4 | 2 05 | 0 815 | 0 527 | 0 495 | 0 468 | 3 48 | 17 4 | 4 228 | 30 |
| 31 | 2 448 | | 21 4 | | 0 827 | | 0 498 | 0 487 | | 2 83 | | 3 288 | 31 |
| TOTAL | 98 45 | 56 95 | 443 83 | 216 48 | 39 737 | 33 724 | 44 426 | 34 912 | 15 243 | 41 185 | 170 40 | 278 40 | TOTAL |
| MEAN | 3 18 | 2 02 | 14 3 | 7 22 | 1 28 | 1 12 | 1 43 | 1 13 | 0 508 | 1 33 | 5 68 | 8 98 | MEAN |
| MAX | 4 40 | 2 62 | 26 5 | 27 0 | 1 91 | 4 86 | 8 09 | 3 39 | 0 718 | 4 68 | 21 7 | 25 2 | MAX |
| MIN | 2 41 | 1 47 | 3 49 | 1 28 | 0 827 | 0 510 | 0 498 | 0 474 | 0 458 | 0 463 | 1 84 | 3 29 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4 04
MAXIMUM DAILY, 27 0 ON APR 6
MINIMUM DAILY, 0 458 ON SEP 11
MAXIMUM INSTANTANEOUS,
28 2 AT 12 10 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 15 N
LONG 81 15 00 W
DRAINAGE AREA, 326 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 8 510 | JUL | 3 840 |
| FEB | 4 890 | AUG | 3 020 |
| MAR | 38 300 | SEP | 1 320 |
| APR | 18 700 | OCT | 3 560 |
| MAY | 3 430 | NOV | 14 700 |
| JUN | 2 910 | DEC | 24 100 |

TOTAL DISCHARGE, 127 000 dam³

## LITTLE NORDIC CREEK AT ELLIOT LAKE - STATION NO 02CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 024 | 0 0108 | 0 015 | 0 134 | 0 006 | 0 002 | 0 010E | 0 001 | 0 004 | 0 008 | 0 012 | 0 080 | 1 |
| 2 | 0 024 | 0 0158 | 0 016 | 0 123 | 0 003 | 0 003 | 0 008E | 0 004 | 0 004 | 0 027 | 0 027 | 0 063 | 2 |
| 3 | 0 027 | 0 0178 | 0 014 | 0 081 | 0 003 | 0 002 | 0 022E | 0 003 | 0 004 | 0 038 | 0 014 | 0 055 | 3 |
| 4 | 0 023 | 0 0188 | 0 016 | 0 068 | 0 003 | 0 252 | 0 016E | 0 005 | 0 003 | 0 032 | 0 012 | 0 042 | 4 |
| 5 | 0 025 | 0 0158 | 0 013 | 0 077 | 0 003 | 0 185 | 0 006E | 0 002 | 0 010 | 0 035 | 0 008 | 0 039 | 5 |
| 6 | 0 027 | 0 0168 | 0 014 | 0 085 | 0 002 | 0 130 | 0 010E | 0 002 | 0 004 | 0 023 | 0 0078 | 0 029 | 6 |
| 7 | 0 026 | 0 0178 | 0 020 | 0 098 | 0 002 | 0 068 | 0 012E | 0 001 | 0 004 | 0 022 | 0 0068 | 0 0288 | 7 |
| 8 | 0 027 | 0 0158 | 0 043 | 0 090 | 0 002 | 0 056 | 0 010E | 0 001 | 0 008 | 0 019 | 0 0068 | 0 029 | 8 |
| 9 | 0 026 | 0 015 | 0 0488 | 0 069 | 0 002 | 0 059 | 0 008E | 0 001 | 0 010 | 0 013 | 0 0068 | 0 084 | 9 |
| 10 | 0 025 | 0 015 | 0 043 | 0 064 | 0 002 | 0 047 | 0 080E | 0 001 | 0 010 | 0 013 | 0 0068 | 0 257 | 10 |
| 11 | 0 028 | 0 014 | 0 036 | 0 060 | 0 003 | 0 042 | 0 120E | 0 001 | 0 011 | 0 017 | 0 0078 | 0 312 | 11 |
| 12 | 0 026 | 0 014 | 0 027 | 0 052 | 0 002 | 0 048 | 0 040E | 0 001 | 0 013 | 0 051 | 0 009 | 0 211 | 12 |
| 13 | 0 024 | 0 014 | 0 024 | 0 043 | 0 002 | 0 038 | 0 023E | 0 002 | 0 011 | 0 013 | 0 009 | 0 122 | 13 |
| 14 | 0 023 | 0 015 | 0 022 | 0 033 | 0 003 | 0 041 | 0 005E | 0 002 | 0 009 | 0 011 | 0 0088 | 0 084 | 14 |
| 15 | 0 0228 | 0 018 | 0 023 | 0 046 | 0 003 | 0 024 | 0 005E | 0 002 | 0 009 | 0 008 | 0 0088 | 0 0808 | 15 |
| 16 | 0 0218 | 0 014 | 0 022 | 0 048 | 0 006 | 0 015 | 0 004E | 0 002 | 0 008 | 0 009 | 0 0188 | 0 0718 | 16 |
| 17 | 0 0208 | 0 014 | 0 023 | 0 045 | 0 028 | 0 013 | 0 003E | 0 002 | 0 008 | 0 030 | 0 014 | 0 0828 | 17 |
| 18 | 0 0198 | 0 014 | 0 017 | 0 045 | 0 043 | 0 012 | 0 009E | 0 002 | 0 007 | 0 050 | 0 013 | 0 0588 | 18 |
| 19 | 0 0188 | 0 014 | 0 018 | 0 036 | 0 041 | 0 008 | 0 017E | 0 003 | 0 011 | 0 041 | 0 012 | 0 0518 | 19 |
| 20 | 0 0178 | 0 012 | 0 026 | 0 012 | 0 045 | 0 007 | 0 008E | 0 002 | 0 028 | 0 044 | 0 0128 | 0 0478 | 20 |
| 21 | 0 0168 | 0 013 | 0 038 | 0 006 | 0 046 | 0 006 | 0 003E | 0 002 | 0 025 | 0 040 | 0 0118 | 0 0448 | 21 |
| 22 | 0 0158 | 0 015 | 0 053 | 0 005 | 0 389E | 0 006 | 0 003E | 0 004 | 0 021 | 0 033 | 0 0118 | 0 0418 | 22 |
| 23 | 0 0148 | 0 014 | 0 083 | 0 009 | 0 343 | 0 006 | 0 003E | 0 002 | 0 014 | 0 029 | 0 0238 | 0 0398 | 23 |
| 24 | 0 013 | 0 012 | 0 148 | 0 014 | 0 104 | 0 005E | 0 018E | 0 002 | 0 018 | 0 025 | 0 0278 | 0 0388 | 24 |
| 25 | 0 012 | 0 013 | 0 216 | 0 004 | 0 038 | 0 005E | 0 010E | 0 001 | 0 122 | 0 030 | 0 0248 | 0 0348 | 25 |
| 26 | 0 011 | 0 013 | 0 373 | 0 003 | 0 005 | 0 008E | 0 003E | 0 001 | 0 012 | 0 037 | 0 0218 | 0 0338 | 26 |
| 27 | 0 0118 | 0 015 | 0 342 | 0 009 | 0 009 | 0 008E | 0 003E | 0 004 | 0 003 | 0 392E | 0 023 | 0 0328 | 27 |
| 28 | 0 0108 | 0 014 | 0 282 | 0 012 | 0 004 | 0 010E | 0 003E | 0 004 | 0 003 | 0 456 | 0 026 | 0 0318 | 28 |
| 29 | 0 0098 | | 0 289 | 0 004 | 0 003 | 0 020E | 0 002E | 0 002 | 0 007 | 0 110 | 0 030 | 0 0308 | 29 |
| 30 | 0 0098 | | 0 366 | 0 087 | 0 003 | 0 015E | 0 003 | 0 004 | 0 007 | 0 062 | 0 073 | 0 0298 | 30 |
| 31 | 0 0098 | | 0 223 | | 0 002 | | 0 002 | 0 004 | | 0 029 | | 0 0288 | 31 |
| TOTAL | 0 605 | 0 401 | 2 901 | 1 442 | 1 150 | 1 140 | 0 488 | 0 070 | 0 408 | 1 787 | 0 481 | 2 185 | TOTAL |
| MEAN | 0 020 | 0 014 | 0 094 | 0 048 | 0 037 | 0 038 | 0 016 | 0 002 | 0 014 | 0 057 | 0 016 | 0 070 | MEAN |
| MAX | 0 028 | 0 017 | 0 373 | 0 134 | 0 389 | 0 252 | 0 120 | 0 005 | 0 122 | 0 456 | 0 073 | 0 312 | MAX |
| MIN | 0 009 | 0 010 | 0 013 | 0 003 | 0 002 | 0 002 | 0 002 | 0 001 | 0 003 | 0 008 | 0 006 | 0 025 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 035
MAXIMUM DAILY, 0 456 ON OCT 26
MINIMUM DAILY, 0 001 ON AUG 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 12 N
LONG 82 38 37 W
DRAINAGE AREA, 4 58 km²

B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 52 3 | JUL | 40 2 |
| FEB | 34 6 | AUG | 6 05 |
| MAR | 251 | SEP | 35 3 |
| APR | 126 | OCT | 152 |
| MAY | 98 4 | NOV | 41 6 |
| JUN | 98 5 | DEC | 189 |

TOTAL DISCHARGE, 1 120 dam³

## LITTLE OTTER CREEK NEAR STRAFFORDVILLE - STATION NO. 02CC015

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.27 | 1.47 | 3.80E | 2.70 | 1.35 | 0.784 | 0.729 | 0.391 | 0.606 | 0.644 | 0.713 | 1.59 | 1 |
| 2 | 2.18 | 1.46 | 5.13 | 3.09 | 1.33 | 0.812 | 0.721 | 0.615E | 0.592 | 0.635 | 0.686 | 1.39 | 2 |
| 3 | 2.12 | 1.46 | 2.76 | 3.18E | 1.30 | 0.844 | 0.720 | 0.911E | 0.589 | 0.633 | 0.665 | 1.23 | 3 |
| 4 | 2.02 | 1.41 | 2.03 | 3.27 | 1.28 | 0.802 | 0.697 | 0.709 | 0.556 | 0.626 | 0.894 | 1.20 | 4 |
| 5 | 1.92 | 1.35 | 1.83 | 4.77 | 1.23 | 0.772 | 0.675 | 0.659 | 0.552 | 0.629 | 0.872 | 1.12 | 5 |
| 6 | 1.84 | 1.33 | 2.06 | 6.45 | 1.22 | 0.789 | 0.643 | 0.624 | 0.552 | 0.618 | 0.858 | 1.08 | 6 |
| 7 | 1.85 | 1.33 | 2.76 | 4.70 | 1.21 | 0.756 | 0.633 | 0.613 | 0.558 | 0.614 | 0.870 | 1.00 | 7 |
| 8 | 1.82 | 1.35 | 3.27 | 3.86 | 1.18 | 0.783 | 0.612 | 0.594 | 0.569 | 0.616 | 0.723 | 1.04 | 8 |
| 9 | 1.93 | 1.40 | 2.84 | 3.00 | 1.16 | 0.784 | 0.576 | 1.05 | 0.587 | 0.632 | 0.934 | 1.32 | 9 |
| 10 | 1.89 | 1.37 | 2.00B | 2.51 | 1.12 | 0.784 | 0.581 | 1.08 | 0.573 | 0.627 | 0.853 | 1.49 | 10 |
| 11 | 1.92 | 1.37 | 1.80B | 2.25 | 1.08 | 0.735 | 0.586 | 0.744 | 0.591 | 0.623 | 0.774 | 1.23 | 11 |
| 12 | 1.90 | 1.38 | 1.85 | 3.82E | 1.06 | 0.788 | 0.535 | 0.888 | 0.596 | 0.642 | 0.740 | 1.84 | 12 |
| 13 | 1.82 | 1.35 | 1.86 | 3.83E | 1.05 E | 0.788 | 0.525 | 0.819 | 0.585 | 0.648 | 0.710 | 1.45 | 13 |
| 14 | 1.81 | 1.21B | 1.82 | 2.70A | 0.980A | 0.779 | 0.615 | 0.802 | 0.603 | 0.623 | 0.700 | 1.20 | 14 |
| 15 | 2.86E | 1.20B | 1.44 | 2.50E | 1.37 | 0.710 | 0.609 | 0.598 | 0.619 | 0.832 | 0.883 | 2.48 | 15 |
| 16 | 3.30E | 1.18B | 1.39 | 2.38E | 1.10 | 0.868 | 0.582 | 0.675 | 0.628 | 0.638 | 0.887 | 3.41 | 16 |
| 17 | 2.70 | 1.16B | 1.38 | 2.20E | 1.06 | 0.858 | 0.521 | 0.887 | 0.643 | 0.635 | 0.887 | 2.25 | 17 |
| 18 | 2.27 | 1.14B | 1.34 | 2.08E | 1.07 | 0.837 | 0.510 | 0.535 | 0.673 | 0.640 | 0.837 | 1.78 | 18 |
| 19 | 2.08 | 1.12B | 1.32 | 1.80E | 1.11 | 0.823 | 0.488 | 0.524 | 0.688 | 0.858 | 0.778 | 1.60 | 19 |
| 20 | 1.96 | 1.11B | 1.32 | 1.80E | 1.06 | 0.822 | 0.460 | 0.506 | 0.712 | 0.845 | 0.738 | 3.81 | 20 |
| 21 | 1.87 | 1.10B | 1.34 | 1.70E | 1.02 | 0.827 | 0.430 | 0.484 | 0.713 | 0.861 | 0.700 | 4.02 | 21 |
| 22 | 1.78 | 1.08B | 1.35 | 1.64E | 0.992 | 1.03 | 0.416 | 0.841 | 0.718 | 0.838 | 0.870 | 2.42 | 22 |
| 23 | 1.72B | 1.08 | 1.38 | 1.60 | 0.967 | 0.899 | 0.386 | 0.525 | 0.733 | 0.853 | 0.703 | 1.96 | 23 |
| 24 | 1.68B | 1.07 | 1.38 | 1.61 | 0.958 | 0.782 | 0.378 | 0.505 | 0.722 | 0.863 | 0.878 | 1.76 | 24 |
| 25 | 1.64B | 1.04 | 1.46 | 1.56 | 0.948 | 0.710 | 0.380 | 0.504 | 0.707 | 0.737 | 1.85 | 2.83 | 25 |
| 26 | 1.60B | 1.03 | 1.70 | 1.47 | 0.940 | 0.923 | 0.388 | 0.528 | 0.677 | 0.748 | 3.81 | 2.45 | 26 |
| 27 | 1.58B | 1.05 | 1.69 | 1.43 | 0.912 | 0.848 | 0.400 | 0.720 | 0.661 | 1.01 E | 1.91 | 1.87 | 27 |
| 28 | 1.54B | 1.12 | 1.60 | 1.45 | 0.878 | 0.809 | 0.388 | 0.646 | 0.660 | 1.04 | 1.36 | 1.61 | 28 |
| 29 | 1.52B | | 1.50 | 1.47 | 0.838 | 0.827 | 0.386 | 0.606 | 0.658 | 0.842 | 2.07 | 1.50 | 29 |
| 30 | 1.50B | | 2.03E | 1.43 | 0.815 | 0.782 | 0.373 | 0.551 | 0.651 | 0.786 | 2.06 | 1.40B | 30 |
| 31 | 1.48B | | 2.84 | | 0.796 | | 0.370 | 0.584 | | 0.735 | | 1.30B | 31 |
| TOTAL | 60.31 | 34.53 | 81.27 | 78.81 | 33.446 | 23.206 | 16.231 | 19.450 | 18.952 | 21.188 | 30.210 | 58.40 | TOTAL |
| MEAN | 1.95 | 1.23 | 1.96 | 2.63 | 1.08 | 0.774 | 0.524 | 0.627 | 0.632 | 0.683 | 1.01 | 1.82 | MEAN |
| MAX | 3.30 | 1.47 | 5.13 | 6.77 | 1.37 | 1.03 | 0.729 | 1.05 | 0.733 | 1.04 | 3.81 | 4.02 | MAX |
| MIN | 1.48 | 1.03 | 1.32 | 1.43 | 0.796 | 0.822 | 0.360 | 0.391 | 0.552 | 0.614 | 0.659 | 1.00 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.24
MAXIMUM DAILY, 6.77 ON APR 5
MINIMUM DAILY, 0.360 ON JUL 25
MAXIMUM INSTANTANEOUS,
7.46 AT 20:46 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 45 23 N
LONG 80 48 26 W
DRAINAGE AREA, 104 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 210 | JUL | 1 400 |
| FEB | 2 980 | AUG | 1 680 |
| MAR | 5 290 | SEP | 1 640 |
| APR | 6 810 | OCT | 1 830 |
| MAY | 2 890 | NOV | 2 610 |
| JUN | 2 010 | DEC | 4 870 |

TOTAL DISCHARGE, 39 200 dam³

REMARKS - THE DISCHARGE IS AFFECTED BY PUMPING FOR IRRIGATION DURING THE SUMMER MONTHS

## LITTLE PIC RIVER NEAR COLDWELL - STATION NO. 02BA003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.20B | 4.42B | 3.62B | 5.10B | 15.9 | 14.6 | 4.00 | 5.79 | 3.57 | 5.40 | 10.2 | 6.85B | 1 |
| 2 | 5.15B | 4.41B | 3.78B | 5.25B | 15.6 | 14.2 | 4.25 | 6.10 | 3.42 | 5.32 | 9.82 | 6.30B | 2 |
| 3 | 5.08B | 4.38B | 3.76B | 5.45B | 14.6 | 13.5 | 5.35 | 7.90 | 3.28 | 5.52 | 9.75 | 6.05B | 3 |
| 4 | 5.00B | 4.37B | 3.74B | 5.65B | 13.7 | 12.8 | 5.36 | 9.01 | 3.16 | 5.50 | 9.74 | 7.75B | 4 |
| 5 | 4.95B | 4.35B | 3.72B | 5.25 | 13.0 | 13.2 | 4.79 | 8.54 | 3.32 | 5.38 | 9.48 | 7.48B | 5 |
| 6 | 4.92B | 4.34B | 3.69B | 7.34 | 12.3 | 12.8 | 4.31 | 8.04 | 3.26 | 7.58 | 9.04 | 7.30B | 6 |
| 7 | 4.88B | 4.32B | 3.66B | 11.2 | 11.7 | 12.0 | 4.08 | 7.40 | 3.90 | 8.88 | 8.31 | 7.08B | 7 |
| 8 | 4.84B | 4.31B | 3.63B | 14.9 | 11.2 | 11.4 | 3.82 | 6.80 | 4.77 | 9.01 | 8.04 | 6.95B | 8 |
| 9 | 4.78B | 4.29B | 3.61B | 16.0 | 10.7 | 11.1 | 4.10 | 6.29 | 7.75 | 9.89 | 7.78 | 6.80B | 9 |
| 10 | 4.74B | 4.27B | 3.57B | 24.9 | 10.0 | 10.5 | 8.49 | 6.02 | 7.43 | 9.71 | 6.66 | 6.95B | 10 |
| 11 | 4.70B | 4.28B | 3.54B | 33.2 | 9.89 | 9.84 | 8.17 | 5.77 | 7.85 | 9.49 | 7.82 | 6.54B | 11 |
| 12 | 4.67B | 4.23B | 3.51B | 37.6 | 9.28 | 9.75 | 8.84 | 5.85 | 7.98 | 9.44 | 7.84 | 6.45B | 12 |
| 13 | 4.65B | 4.21B | 3.49B | 38.5 | 8.90 | 9.72 | 9.05 | 5.52 | 7.93 | 9.50 | 7.40 | 6.38B | 13 |
| 14 | 4.63B | 4.19B | 3.47B | 42.0 | 8.58 | 9.48 | 7.71 | 5.40 | 8.14 | 11.5 | 7.14 | 6.30B | 14 |
| 15 | 4.60B | 4.17B | 3.45B | 45.0 | 8.15 | 8.86 | 6.81 | 7.94 | 8.05 | 12.5 | 6.78 | 6.25B | 15 |
| 16 | 4.58B | 4.14B | 3.43B | 42.8 | 8.14 | 8.12 | 5.89 | 8.29 | 7.88 | 16.8 | 6.79 | 6.18B | 16 |
| 17 | 4.55B | 4.11B | 3.40B | 44.7 | 8.05 | 7.54 | 6.30 | 9.42 | 7.28 | 23.9 | 28.4 | 6.08B | 17 |
| 18 | 4.57B | 4.09B | 3.39B | 47.8 | 7.80 | 7.08 | 8.87 | 11.0 | 6.81 | 21.3 | 35.5 | 6.02B | 18 |
| 19 | 4.60B | 4.07B | 3.40B | 46.7 | 7.53 | 6.56 | 9.38 | 9.04 | 6.57 | 19.0 | 28.7 | 5.98B | 19 |
| 20 | 4.63B | 4.08B | 3.41B | 45.4 | 7.42 | 6.91 | 12.7 | 8.05 | 6.88 | 17.4 | 20.9 | 5.90B | 20 |
| 21 | 4.62B | 4.02B | 3.42B | 41.3 | 7.83 | 6.06 | 11.2 | 7.44 | 6.87 | 16.3 | 16.6 | 5.82B | 21 |
| 22 | 4.61B | 4.00B | 3.48B | 34.9 | 13.0 | 5.88 | 10.0 | 7.11 | 6.50 | 15.5 | 14.9 B | 5.78B | 22 |
| 23 | 4.60B | 3.97B | 3.49B | 30.2 | 14.5 | 5.32 | 11.9 | 6.48 | 6.09 | 14.4 | 13.0 B | 5.72B | 23 |
| 24 | 4.58B | 3.95B | 3.54B | 26.6 | 15.6 | 5.04 | 12.5 | 5.79 | 5.54 | 13.5 | 15.0 B | 5.68B | 24 |
| 25 | 4.65B | 3.93B | 3.66B | 23.9 | 15.6 | 4.86 | 10.9 | 5.38 | 5.14 | 12.4 | 12.7 B | 5.60B | 25 |
| 26 | 4.53B | 3.90B | 3.90B | 22.3 | 15.7 | 4.77 | 8.80 | 5.03 | 4.80 | 12.2 | 11.0 B | 5.54B | 26 |
| 27 | 4.52B | 3.88B | 4.20B | 20.7 | 16.1 | 4.70 | 7.36 | 4.71 | 4.51 | 12.0 | 10.2 B | 5.48B | 27 |
| 28 | 4.50B | 3.86B | 4.45B | 20.0 | 16.3 | 4.69 | 6.38 | 4.46 | 4.40 | 11.9 | 9.70B | 5.44B | 28 |
| 29 | 4.48B | | 4.65B | 19.2 | 16.0 | 4.46 | 5.68 | 4.17 | 4.33 | 11.4 | 9.38B | 5.40B | 29 |
| 30 | 4.46B | | 4.85B | 18.0 | 15.2 | 4.24 | 5.09 | 3.93 | 4.62 | 11.1 | 9.06B | 5.36B | 30 |
| 31 | 4.45B | | 4.95B | | 14.5 | | 5.95 | 3.75 | | 10.8 | | 5.30B | 31 |
| TOTAL | 145.62 | 116.50 | 116.04 | 785.45 | 374.28 | 259.49 | 226.54 | 206.23 | 186.64 | 368.10 | 381.78 | 188.11 | TOTAL |
| MEAN | 4.70 | 4.16 | 3.74 | 26.2 | 12.1 | 8.65 | 7.37 | 6.65 | 6.22 | 11.9 | 12.7 | 6.38 | MEAN |
| MAX | 5.20 | 4.43 | 4.95 | 47.8 | 16.9 | 14.6 | 12.7 | 11.0 | 8.90 | 23.9 | 35.5 | 8.85 | MAX |
| MIN | 4.45 | 3.86 | 3.39 | 5.10 | 7.42 | 4.24 | 3.82 | 3.75 | 3.16 | 5.40 | 6.66 | 5.30 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.22
MAXIMUM DAILY, 47.8 ON APR 18
MINIMUM DAILY, 3.16 ON SEP 4
MAXIMUM INSTANTANEOUS,
48.3 AT 05:24 EST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 57 N
LONG 86 36 26 W
DRAINAGE AREA, 1 320 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 12 800 | JUL | 19 700 |
| FEB | 10 100 | AUG | 17 800 |
| MAR | 10 000 | SEP | 16 100 |
| APR | 67 900 | OCT | 31 800 |
| MAY | 32 300 | NOV | 33 000 |
| JUN | 22 400 | DEC | 17 100 |

TOTAL DISCHARGE, 281 000 dam³

## LITTLE RIVER AT WINDSOR - STATION NO 02CH011

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.514 | 1.482 | 1.469 | 1.381 | 1.386 | 1.566 | 1.437 | 1.387 | 1.258 | 1.205 | 1.380 | 1.358 | 1 |
| 2 | 1.521 | 1.456 | 1.425 | 1.355 | 1.403 | 1.619 | 1.417 | 1.326 | 1.290 | 1.193 | 1.303 | 1.345 | 2 |
| 3 | 1.489 | 1.440 | 1.418 | 1.374 | 1.420 | 1.514 | 1.427 | 1.335 | 1.268 | 1.197 | 1.285 | 1.314 | 3 |
| 4 | 1.495 | 1.428 | 1.425 | 1.506 | 1.422 | 1.413 | 1.420 | 1.351 | 1.264 | 1.189 | 1.249 | 1.356 | 4 |
| 5 | 1.492 | 1.424 | 1.436 | 1.623 | 1.395 | 1.391 | 1.417 | 1.369 | 1.267 | 1.192 | 1.234 | 1.304 | 5 |
| 6 | 1.471 | 1.403 | 1.412 | 1.544 | 1.378 | 1.382 | 1.387 | 1.334 | 1.246 | 1.193 | 1.220 | 1.271 | 6 |
| 7 | 1.444 | 1.410 | 1.389 | 1.497 | 1.383 | 1.339 | 1.381 | 1.306 | 1.243 | 1.192 | 1.212 | 1.262 | 7 |
| 8 | 1.434 | 1.400 | 1.395 | 1.489 | 1.389 | 1.335 | 1.372 | 1.333 | 1.242 | 1.194 | 1.216 | 1.349 | 8 |
| 9 | 1.453 | 1.427 | 1.571 | 1.469 | 1.320 | 1.378 | 1.401 | 1.366 | 1.229 | 1.197 | 1.212 | 1.492 | 9 |
| 10 | 1.483 | 1.390 | 1.475 | 1.452 | 1.357 | 1.385 | 1.417 | 1.361 | 1.280 | 1.199 | 1.208 | 1.355 | 10 |
| 11 | 1.611 | 1.391 | 1.611 | 1.431 | 1.353 | 1.350 | 1.387 | 1.367 | 1.363 | 1.202 | 1.202 | 1.309 | 11 |
| 12 | 1.602 | 1.369 | 1.339 | 1.442 | 1.389 | 1.344 | 1.374 | 1.362 | 1.258 | 1.195 | 1.202 | 1.373 | 12 |
| 13 | 1.436 | 1.378 | 1.296 | 1.430 | 1.380 | 1.367 | 1.388 | 1.328 | 1.280 | 1.189 | 1.208 | 1.293 | 13 |
| 14 | 1.427 | 1.348 | 1.312 | 1.448 | 1.385 | 1.333 | 1.431 | 1.313 | 1.253 | 1.198 | 1.205 | 1.263 | 14 |
| 15 | 1.540 | 1.287 | 1.293 | 1.452 | 1.418 | 1.372 | 1.415 | 1.294 | 1.313 | 1.190 | 1.291 | 1.773 | 15 |
| 16 | 1.497 | 1.241 | 1.246 | 1.456 | 1.371 | 1.389 | 1.416 | 1.290 | 1.285 | 1.189 | 1.200 | 1.485 | 16 |
| 17 | 1.515 | 1.220 | 1.244 | 1.441 | 1.368 | 1.383 | 1.380 | 1.281 | 1.417 | 1.215 | 1.215 | 1.322 | 17 |
| 18 | 1.489 | 1.206 | 1.238 | 1.431 | 1.387 | 1.387 | 1.386 | 1.308 | 1.519 | 1.200 | 1.219 | 1.278 | 18 |
| 19 | 1.587 | 1.203 | 1.232 | 1.423 | 1.412 | 1.386 | 1.350 | 1.290 | 1.358 | 1.192 | 1.208 | 1.275 | 19 |
| 20 | 1.442 | 1.200 | 1.226 | 1.417 | 1.391 | 1.377 | 1.338 | 1.298 | 1.288 | 1.201 | 1.208 | 1.532 | 20 |
| 21 | 1.404 | 1.206 | 1.222 | 1.436 | 1.370 | 1.433 | 1.389 | 1.274 | 1.253 | 1.203 | 1.198 | 1.345 | 21 |
| 22 | 1.469 | 1.216 | 1.218 | 1.449 | 1.353 | 1.415 | 1.372 | 1.336 | 1.245 | 1.211 | 1.194 | 1.293 | 22 |
| 23 | 1.401 | 1.234 | 1.240 | 1.421 | 1.370 | 1.419 | 1.383 | 1.312 | 1.223 | 1.210 | 1.203 | 1.277 | 23 |
| 24 | 1.420 | 1.245 | 1.275 | 1.483 | 1.383 | 1.403 | 1.341 | 1.315 | 1.235 | 1.244 | 1.203 | 1.332 | 24 |
| 25 | 1.487 | 1.268 | 1.265 | 1.434 | 1.384 | 1.401 | 1.384 | 1.284 | 1.232 | 1.237 | 1.508 | 1.441 | 25 |
| 26 | 1.517 | 1.280 | 1.273 | 1.407 | 1.389 | 1.436 | 1.375 | 1.378 | 1.207 | 1.214 | 1.448 | 1.308 | 26 |
| 27 | 1.543 | 1.319 | 1.308 | 1.382 | 1.383 | 1.386 | 1.384 | 1.467 | 1.207 | 1.330 | 1.319 | 1.270 | 27 |
| 28 | 1.545 | 1.344 | 1.313 | 1.387 | 1.387 | 1.341 | 1.389 | 1.375 | 1.187 | 1.272 | 1.288 | 1.249 | 28 |
| 29 | 1.560 | | 1.326 | 1.388 | 1.382 | 1.336 | 1.352 | 1.334 | 1.208 | 1.240 | 1.424 | 1.233 | 29 |
| 30 | 1.528 | | 1.504 | 1.389 | 1.436 | 1.502 | 1.343 | 1.281 | 1.221 | 1.227 | 1.330 | 1.233 | 30 |
| 31 | 1.519 | | 1.403 | | 1.519 | | 1.356 | 1.288 | | 1.218 | | 1.241 | 31 |
| MEAN | 1.481 | 1.330 | 1.342 | 1.440 | 1.386 | 1.400 | 1.385 | 1.330 | 1.274 | 1.211 | 1.256 | 1.339 | MEAN |
| MAX | 1.587 | 1.492 | 1.571 | 1.623 | 1.519 | 1.619 | 1.437 | 1.467 | 1.519 | 1.330 | 1.509 | 1.773 | MAX |
| MIN | 1.401 | 1.200 | 1.218 | 1.355 | 1.330 | 1.333 | 1.338 | 1.269 | 1.187 | 1.189 | 1.194 | 1.233 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1.348
MAXIMUM DAILY, 1.773 ON DEC 15
MINIMUM DAILY, 1.189 ON OCT 4
MAXIMUM INSTANTANEOUS,
2.197 AT 11 44 EST ON DEC 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 16 34 N
LONG 82 55 44 W

DRAINAGE AREA,
50.5 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - OPERATED AS WATER LEVEL ONLY STATION 1986 AND 1987

## LITTLE ROUGE CREEK NEAR LOCUST HILL - STATION NO 02HC026

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.999 | 0.2858 | 1.00 B | 3.18 | 0.420E | 0.524 | 0.208 | 0.122 | 0.203 | 0.217 | 0.277 | 2.00 | 1 |
| 2 | 0.966 | 0.2708 | 8.00 B | 2.34 | 0.385E | 0.434 | 0.193 | 0.173 | 0.188 | 0.206 | 0.263 | 1.09 | 2 |
| 3 | 0.817 | 0.2508 | 4.40 B | 2.93 | 0.375E | 0.364 | 0.200 | 0.581 | 0.167 | 0.196 | 0.333 | 0.819 | 3 |
| 4 | 0.7658 | 0.2658 | 3.50 B | 5.49 | 0.350E | 0.269 | 0.228 | 0.248 | 0.172 | 0.191 | 0.468 | 0.674 | 4 |
| 5 | 0.657 | 0.2558 | 2.00 B | 13.4 | 0.335E | 0.229 | 0.191 | 0.186 | 0.169 | 0.182 | 0.359 | 0.585 | 5 |
| 6 | 0.630 | 0.2428 | 2.05 B | 4.57 | 0.320E | 0.238 | 0.185 | 0.188 | 0.163 | 0.175 | 0.307 | 0.442 | 6 |
| 7 | 0.605 | 0.2308 | 4.00 B | 2.51 | 0.300E | 0.328 | 0.267 | 0.165 | 0.162 | 0.201 | 0.306 | 0.424 | 7 |
| 8 | 0.5848 | 0.2458 | 15.0 B | 1.50 | 0.285E | 0.698 | 0.263 | 0.159 | 0.190 | 0.287 | 0.623 | 0.441 | 8 |
| 9 | 0.528 | 0.2408 | 10.7 | 1.12 | 0.278E | 0.374 | 0.288 | 0.223 | 0.240 | 0.280 | 1.16 | 0.732 | 9 |
| 10 | 0.581 | 0.2258 | 2.61 | 0.883 | 0.265E | 0.278 | 0.289 | 0.373 | 0.218 | 0.223 | 0.630 | 1.60 | 10 |
| 11 | 0.609 | 0.2158 | 1.54 B | 0.784 | 0.250E | 0.242 | 0.233 | 0.227 | 0.203 | 0.204 | 0.408 | 1.08 | 11 |
| 12 | 0.582 | 0.2058 | 1.10 B | 0.763 | 0.246A | 0.267 | 0.192 | 0.178 | 0.222 | 0.193 | 0.375 | 0.975 | 12 |
| 13 | 0.545 | 0.2008 | 1.05 B | 1.44 | 0.270E | 0.285 | 0.184 | 0.166 | 0.234 | 0.196 | 0.349 | 1.08 | 13 |
| 14 | 0.578 | 0.1908 | 1.00 B | 1.00 | 0.250E | 0.250 | 1.08 | 0.144 | 0.222 | 0.187 | 0.338 | 0.817 | 14 |
| 15 | 0.7048 | 0.1828 | 0.9968 | 0.931 | 0.240E | 0.211 | 0.838 | 0.127 | 0.207 | 0.196 | 0.324 | 0.785 | 15 |
| 16 | 0.7788 | 0.1728 | 1.04 B | 0.785 | 0.315E | 0.184 | 0.318 | 0.140 | 0.201 | 0.187 | 0.287 | 1.33 | 16 |
| 17 | 0.6008 | 0.1688 | 1.15 B | 0.861 | 0.290E | 0.126 | 0.233 | 0.189 | 0.230 | 0.200 | 0.322 | 1.16 B | 17 |
| 18 | 0.5808 | 0.1628 | 1.28 B | 0.579 | 0.270E | 0.134 | 0.181 | 0.155 | 0.303 | 0.235 | 0.591 | 1.02 B | 18 |
| 19 | 0.5408 | 0.1568 | 1.70 | 0.516 | 0.250E | 0.120 | 0.161 | 0.140 | 0.329 | 0.215 | 0.531 | 0.821 | 19 |
| 20 | 0.5068 | 0.1528 | 1.78 | 0.465 | 0.245E | 0.130 | 0.238 | 0.132 | 0.361 | 0.204 | 0.401 | 2.05 | 20 |
| 21 | 0.5808 | 0.1478 | 1.88 | 0.407 | 0.235E | 0.111 | 0.225 | 0.125 | 0.468 | 0.206 | 0.271 | 5.11 | 21 |
| 22 | 0.5408 | 0.1428 | 1.87 | 0.380 | 0.225E | 0.556 | 0.180 | 0.117 | 0.460 | 0.211 | 0.273 | 2.44 | 22 |
| 23 | 0.5008 | 0.1378 | 2.03 | 0.349 | 0.220E | 0.782 | 0.151 | 0.128 | 0.273 | 0.304 | 0.307 | 1.52 | 23 |
| 24 | 0.4708 | 0.1348 | 1.83 | 0.363 | 0.215E | 0.340 | 0.144 | 0.121 | 0.215 | 0.331 | 0.344 | 1.22 | 24 |
| 25 | 0.4408 | 0.1318 | 1.78 | 0.340 | 0.210E | 0.281 | 0.187 | 0.107 | 0.189 | 0.501 | 0.438 | 3.78 | 25 |
| 26 | 0.4208 | 0.1298 | 2.28 | 0.300 | 0.220E | 0.246 | 0.150 | 0.109 | 0.173 | 0.348 | 1.53 | 3.39 | 26 |
| 27 | 0.3908 | 0.1268 | 1.71 | 0.330E | 0.241A | 0.260 | 0.154 | 0.114 | 0.163 | 0.335 | 1.08 | 1.46 B | 27 |
| 28 | 0.3808 | 0.1238 | 1.48 | 0.500E | 0.955 | 0.265 | 0.128 | 0.131 | 0.203 | 0.483 | 0.753 | 0.9688 | 28 |
| 29 | 0.3408 | | 1.31 | 0.480E | 1.10 | 0.238 | 0.116 | 0.136 | 0.198 | 0.376 | 4.46 | 0.4888 | 29 |
| 30 | 0.3208 | | 2.20 | 0.460E | 0.460 | 0.231 | 0.126 | 0.165 | 0.211 | 0.329 | 4.22 | 0.4308 | 30 |
| 31 | 0.3008 | | 2.99 | | 1.15 | | 0.160 | 0.165 | | 0.291 | | 0.4008 | 31 |
| TOTAL | 17.730 | 5.378 | 85.076 | 48.756 | 11.217 | 8.972 | 7.801 | 5.383 | 6.942 | 7.878 | 22.337 | 41.099 | TOTAL |
| MEAN | 0.572 | 0.192 | 2.74 | 1.63 | 0.362 | 0.299 | 0.245 | 0.174 | 0.231 | 0.254 | 0.745 | 1.33 | MEAN |
| MAX | 0.999 | 0.285 | 15.0 | 13.4 | 1.15 | 0.782 | 1.08 | 0.581 | 0.465 | 0.501 | 4.46 | 5.11 | MAX |
| MIN | 0.300 | 0.123 | 0.996 | 0.300 | 0.210 | 0.111 | 0.116 | 0.107 | 0.163 | 0.175 | 0.263 | 0.400 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.735
MAXIMUM DAILY, 15.08 ON MAR 8
MINIMUM DAILY, 0.107 ON AUG 25
MAXIMUM INSTANTANEOUS,
18.6 AT 01 00 EST ON MAR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 26 N
LONG 78 12 58 W
DRAINAGE AREA, 77.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 530 | JUL | 857 |
| FEB | 485 | AUG | 485 |
| MAR | 7 350 | SEP | 600 |
| APR | 4 210 | OCT | 681 |
| MAY | 968 | NOV | 1 930 |
| JUN | 775 | DEC | 3 550 |

TOTAL DISCHARGE, 23 200 dam³

## LITTLE WHITE RIVER BELOW BOLAND RIVER - STATION NO 02CC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.55B | 5.85B | 5.03B | 22.0B | 13.0 | 11.0 | 6.03 | 4.85 | 3.01 | 2.50 | 3.67 | 7.95 | 1 |
| 2 | 7.60B | 5.80B | 5.10B | 21.8B | 12.0 | 10.8 | 5.81 | 4.93 | 2.83 | 3.34 | 3.67 | 7.60B | 2 |
| 3 | 7.65B | 5.55B | 5.00B | 21.3B | 11.6 | 10.1 | 5.84 | 4.92 | 2.80 | 3.25 | 3.76 | 7.30B | 3 |
| 4 | 7.40B | 5.50B | 4.95B | 21.2B | 11.0 | 9.64 | 5.51 | 5.10 | 2.42 | 3.22 | 5.00 | 6.90B | 4 |
| 5 | 7.50B | 5.47B | 4.80B | 21.1B | 10.6 | 9.18 | 5.45 | 4.72 | 2.24 | 3.21 | 5.26 | 8.60B | 5 |
| 6 | 7.55 | 5.45B | 4.90B | 21.5 | 10.3 | 8.72 | 5.27 | 4.43 | 2.22 | 3.19 | 5.44 | 8.30B | 6 |
| 7 | 8.05 | 5.42B | 5.10B | 22.3 | 9.82 | 8.52 | 5.22 | 4.30 | 2.18 | 3.33 | 5.51 | 8.00B | 7 |
| 8 | 7.80B | 5.40B | 5.40B | 22.7 | 9.45 | 8.32 | 5.14 | 4.11 | 2.20 | 3.27 | 5.45 | 8.30B | 8 |
| 9 | 7.55B | 5.38B | 5.30B | 23.2 | 9.27 | 8.11 | 5.04 | 3.90 | 2.26 | 3.38 | 5.29 | 7.55 | 9 |
| 10 | 7.35B | 5.35B | 5.10B | 24.2 | 9.04 | 7.82 | 5.16 | 3.86 | 2.19 | 3.37 | 4.94 | 8.74 | 10 |
| 11 | 7.10B | 5.33B | 5.00B | 25.3 | 8.97 | 7.98 | 5.56 | 3.66 | 2.27 | 3.26 | 4.51 | 9.46 | 11 |
| 12 | 6.95B | 5.30B | 4.90B | 27.8 | 8.70 | 8.84 | 5.81 | 3.47 | 2.31 | 3.15 | 4.56 | 10.5 | 12 |
| 13 | 6.82 | 5.26B | 4.80B | 27.4 | 8.50 | 8.80 | 6.72 | 3.35 | 2.27 | 3.09 | 4.63 | 10.8 | 13 |
| 14 | 6.68 | 5.23B | 4.65B | 26.0 | 8.45 | 8.34 | 6.34 | 3.34 | 2.23 | 3.02 | 4.82 | 10.8 | 14 |
| 15 | 6.65B | 5.20B | 4.55B | 31.7 | 8.33 | 7.89 | 5.93 | 3.66 | 2.21 | 2.96 | 4.60 | 10.0 B | 15 |
| 16 | 6.60B | 5.20B | 4.50B | 29.2 | 8.89 | 7.66 | 5.74 | 3.76 | 2.20 | 2.88 | 4.51 | 9.50B | 16 |
| 17 | 6.55B | 5.17B | 4.48B | 28.4 | 8.87 | 7.20 | 5.43 | 3.63 | 2.12 | 3.07 | 5.32 | 9.30B | 17 |
| 18 | 6.45B | 5.18B | 4.53B | 22.2 | 10.3 | 8.90 | 5.87 | 3.55 | 2.12 | 3.45 | 6.08 | 9.00B | 18 |
| 19 | 6.40B | 5.10B | 4.80B | 21.3 | 10.6 | 8.70 | 6.38 | 3.68 | 2.14 | 3.45 | 6.44 | 8.90B | 19 |
| 20 | 6.35B | 5.06B | 4.75B | 20.0 | 10.7 | 8.48 | 6.26 | 3.82 | 2.45 | 3.43 | 6.00B | 8.80B | 20 |
| 21 | 6.30B | 5.03B | 5.00B | 19.1 | 10.4 | 8.32 | 5.82 | 3.58 | 2.44 | 3.34 | 5.20B | 8.80B | 21 |
| 22 | 6.20B | 5.02B | 5.35B | 18.0 | 12.4 | 8.10 | 7.38 | 3.58 | 2.44 | 3.26 | 5.30B | 8.70B | 22 |
| 23 | 6.15B | 5.00B | 5.70B | 17.6 | 13.6 | 8.82 | 7.55 | 3.85 | 2.34 | 3.33 | 5.77 | 8.60B | 23 |
| 24 | 6.10B | 5.00B | 6.20B | 17.1 | 13.8 | 8.79 | 7.51 | 3.87 | 2.24 | 3.44 | 6.27 | 8.40B | 24 |
| 25 | 6.05B | 4.88B | 6.90B | 16.4 | 13.8 | 8.72 | 7.78 | 3.54 | 2.14 | 3.54 | 6.80B | 8.30B | 25 |
| 26 | 6.00B | 4.97B | 9.50B | 15.8 | 13.5 | 8.88 | 7.48 | 3.29 | 2.06 | 3.51 | 6.80B | 8.10B | 26 |
| 27 | 5.95B | 4.97B | 13.0 B | 15.2 | 13.8 | 8.10 | 6.78 | 3.17 | 2.01 | 3.77 | 6.30B | 8.00B | 27 |
| 28 | 5.85B | 4.98B | 16.5 B | 15.1 | 13.6 | 8.14 | 8.18 | 3.08 | 1.97 | 3.78 | 6.80B | 7.80B | 28 |
| 29 | 5.80B | | 19.5 B | 15.4 | 13.0 | 8.15 | 8.70 | 3.03 | 2.32 | 3.76 | 6.68 | 7.80B | 29 |
| 30 | 5.75B | | 22.5 B | 14.8 | 12.3 | 8.18 | 8.38 | 3.02 | 2.28 | 3.77 | 7.36 | 7.80B | 30 |
| 31 | 5.70B | | 22.5 B | | 11.7 | | 8.04 | 3.11 | | 3.77 | | 7.80B | 31 |
| TOTAL | 208.45 | 146.71 | 230.09 | 644 B | 340.89 | 228.78 | 188.70 | 116.16 | 68.76 | 103.15 | 157.55 | 258.11 | TOTAL |
| MEAN | 6.72 | 5.24 | 7.42 | 21.5 | 11.0 | 7.63 | 6.02 | 3.81 | 2.29 | 3.33 | 5.25 | 8.33 | MEAN |
| MAX | 8.05 | 5.85 | 22.5 | 31.7 | 13.8 | 11.0 | 7.78 | 5.10 | 3.01 | 3.78 | 7.36 | 10.8 | MAX |
| MIN | 5.70 | 4.97 | 4.48 | 14.8 | 8.33 | 5.72 | 5.04 | 3.02 | 1.97 | 2.50 | 3.67 | 6.00 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 7.35
MAXIMUM DAILY, 31.7 ON APR 15
MINIMUM DAILY, 1.97 ON SEP 28
MAXIMUM INSTANTANEOUS,
33.0 AT 23:07 EST ON APR 14

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 34 49 N
LONG 82 57 56 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 18 000 | JUL | 16 100 |
| FEB | 12 700 | AUG | 10 200 |
| MAR | 19 900 | SEP | 5 940 |
| APR | 55 700 | OCT | 8 910 |
| MAY | 28 500 | NOV | 13 600 |
| JUN | 19 800 | DEC | 22 300 |

TOTAL DISCHARGE, 233 000 dam³

## LITTLE WHITE RIVER NEAR BELLINGHAM - STATION NO 02CC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.3 B | 10.3 B | 8.95B | 39.0B | 24.7 | 22.8 | 10.8 | 7.75 | 4.97 | 3.54 | 7.20 | 18.5 | 1 |
| 2 | 12.5 B | 10.2 B | 9.10B | 38.0B | 23.1 | 21.9 | 10.2 | 7.93 | 4.46 | 5.85 | 6.88 | 17.5 | 2 |
| 3 | 11.1 B | 10.1 B | 9.20B | 37.0B | 22.0 | 20.6 | 9.84 | 7.87 | 3.93 | 7.75 | 7.15 | 16.0B | 3 |
| 4 | 11.5 B | 10.1 B | 9.00B | 36.8B | 21.2 | 19.2 | 9.52 | 8.86 | 3.55 | 6.19 | 11.1 | 14.0B | 4 |
| 5 | 12.2 B | 10.0 B | 8.80B | 36.7B | 20.8 | 18.0 | 9.24 | 8.35 | 3.35 | 5.43 | 12.5 | 12.5B | 5 |
| 6 | 12.9 B | 9.90B | 8.85B | 37.5 | 20.7 | 17.3 | 9.06 | 7.54 | 3.14 | 5.33 | 11.8 | 11.8B | 6 |
| 7 | 12.5 B | 9.85B | 9.20B | 38.4 | 20.1 | 17.0 | 8.83 | 7.02 | 3.05 | 5.84 | 11.3 | 11.5B | 7 |
| 8 | 11.6 B | 9.80B | 9.45B | 38.8 | 19.4 | 16.3 | 8.71 | 6.40 | 2.88 | 5.78 | 11.1 | 14.3B | 8 |
| 9 | 11.6 B | 9.70B | 9.40B | 38.9 | 18.6 | 16.0 | 8.62 | 5.96 | 3.00 | 5.48 | 10.6 | 16.6 | 9 |
| 10 | 11.4 B | 9.80B | 9.30B | 38.3 | 17.9 | 15.1 | 8.84 | 5.70 | 2.94 | 5.38 | 10.0 | 18.9 | 10 |
| 11 | 11.2 B | 9.55B | 9.05B | 40.1 | 17.7 | 15.3 | 9.46 | 5.30 | 3.01 | 5.19 | 9.24 | 19.7 | 11 |
| 12 | 11.4 B | 9.50B | 8.90B | 41.9 | 17.6 | 17.1 | 8.93 | 4.80 | 3.16 | 5.06 | 9.10 | 24.3 | 12 |
| 13 | 11.9 B | 9.45B | 8.70B | 42.6 | 17.1 | 17.0 | 12.7 | 4.53 | 3.12 | 4.74 | 9.06 | 24.6 | 13 |
| 14 | 11.8 B | 9.40B | 8.50B | 42.0 | 16.8 | 16.1 | 12.0 | 4.83 | 2.96 | 4.52 | 9.18 | 23.8 | 14 |
| 15 | 11.5 B | 9.40B | 8.35B | 45.6 | 16.7 | 15.3 | 10.5 | 5.50 | 2.79 | 4.39 | 8.83 | 22.6B | 15 |
| 16 | 9.40B | 9.35B | 8.25B | 44.9 | 16.6 | 14.6 | 9.86 | 5.87 | 2.77 | 4.15 | 8.50 | 20.0B | 16 |
| 17 | 8.40B | 9.35B | 8.10B | 42.7 | 19.5 | 13.8 | 9.14 | 5.79 | 2.67 | 4.55 | 9.82 | 18.8B | 17 |
| 18 | 9.80B | 9.30B | 8.00B | 38.3 | 21.3 | 13.2 | 8.16 | 5.48 | 2.57 | 6.03 | 12.7 | 18.0B | 18 |
| 19 | 10.3 B | 9.20B | 7.85B | 36.2 | 21.5 | 12.6 | 10.8 | 5.95 | 2.82 | 6.27 | 13.1 | 17.8B | 19 |
| 20 | 9.70B | 9.15B | 7.95B | 34.4 | 21.2 | 12.0 | 11.1 | 6.08 | 3.81 | 5.93 | 12.0 B | 17.3B | 20 |
| 21 | 9.80B | 9.10B | 8.10B | 33.0 | 20.9 | 11.4 | 10.2 | 5.80 | 4.10 | 5.86 | 10.3 B | 16.9B | 21 |
| 22 | 10.7 B | 9.10B | 8.60B | 31.5 | 22.7 | 11.0 | 10.1 | 5.98 | 3.83 | 5.47 | 10.8 B | 16.5B | 22 |
| 23 | 10.6 B | 9.05B | 9.40B | 30.6 | 26.3 | 10.7 | 11.8 | 5.87 | 3.50 | 5.40 | 12.5 B | 16.3B | 23 |
| 24 | 10.1 B | 9.05B | 11.7 B | 29.9 | 28.4 | 10.2 | 11.7 | 5.33 | 3.17 | 5.89 | 13.2 B | 16.0B | 24 |
| 25 | 10.0 B | 9.00B | 15.3 B | 29.0 | 26.0 | 9.93 | 12.2 | 4.97 | 2.91 | 6.93 | 11.8 B | 15.8B | 25 |
| 26 | 11.0 B | 9.00B | 22.0 B | 27.9 | 25.6 | 9.95 | 12.0 | 4.59 | 2.72 | 8.70 | 11.2 B | 15.3B | 26 |
| 27 | 10.9 B | 9.00B | 30.0 B | 27.4 | 26.2 | 10.2 | 11.0 | 4.33 | 2.57 | 7.84 | 11.0 B | 15.0B | 27 |
| 28 | 10.6 B | 8.95B | 32.0 B | 27.0 | 26.0 | 11.1 | 9.83 | 4.00 | 2.55 | 8.33 | 11.8 B | 14.5B | 28 |
| 29 | 10.7 B | | 33.0 B | 26.6 | 25.2 | 11.2 | 9.02 | 3.77 | 3.22 | 8.06 | 12.7 | 14.0B | 29 |
| 30 | 10.5 B | | 37.0 B | 26.3 | 24.1 | 11.7 | 8.49 | 4.53 | 3.51 | 7.73 | 15.6 | 13.7B | 30 |
| 31 | 10.4 B | | 39.5 B | | 23.2 | | 8.07 | 5.56 | | 7.56 | | 13.3B | 31 |
| TOTAL | 341.80 | 265.45 | 421.80 | 1 078.5 | 667.1 | 438.56 | 312.42 | 182.16 | 97.15 | 183.70 | 322.18 | 525.6 | TOTAL |
| MEAN | 11.0 | 9.46 | 13.6 | 36.0 | 21.5 | 14.6 | 10.1 | 5.88 | 3.24 | 5.93 | 10.7 | 17.0 | MEAN |
| MAX | 12.5 | 10.3 | 39.5 | 45.6 | 26.4 | 22.8 | 12.7 | 8.86 | 4.97 | 8.33 | 15.6 | 24.6 | MAX |
| MIN | 9.40 | 8.95 | 7.85 | 26.3 | 16.6 | 9.93 | 8.07 | 3.77 | 2.55 | 3.54 | 6.88 | 11.5 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.2
MAXIMUM DAILY, 45.6 ON APR 15
MINIMUM DAILY, 2.55 ON SEP 28
MAXIMUM INSTANTANEOUS
47.0 AT 12:29 EST ON APR 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 23 38 N
LONG 83 17 10 W
DRAINAGE AREA 1 980 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 29 500 | JUL | 27 000 |
| FEB | 22 900 | AUG | 15 700 |
| MAR | 36 400 | SEP | 8 390 |
| APR | 93 200 | OCT | 15 900 |
| MAY | 57 800 | NOV | 27 800 |
| JUN | 37 900 | DEC | 45 400 |

TOTAL DISCHARGE, 418 000 dam³

## LONG LAKE AT LONGLAC - STATION NO 04JD001

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 312.580 | 312.060 | 311.590 | 311.300 | 311.850 | 312.500 | 312.670 | 312.690 | 312.780 | 312.280 | 312.670 | 312.770 | 1 |
| 2 | 312.570 | 312.040 | 311.590 | 311.300 | 311.880 | 312.540 | 312.670 | 312.690 | 312.730 | 312.230 | 312.680 | 312.770 | 2 |
| 3 | 312.550 | 312.020 | 311.580 | 311.290 | 311.900 | 312.550 | 312.670 | 312.700 | 312.720 | 312.250 | 312.680 | 312.770 | 3 |
| 4 | 312.550 | 312.000 | 311.570 | 311.290 | 311.930 | 312.570 | 312.680 | 312.700 | 312.710 | 312.230 | 312.680 | 312.770 | 4 |
| 5 | 312.540 | 311.980 | 311.560 | 311.280 | 311.960 | 312.580 | 312.690 | 312.720 | 312.680 | 312.210 | 312.680 | 312.760 | 5 |
| 6 | 312.530 | 311.970 | 311.550 | 311.280 | 311.960 | 312.610 | 312.690 | 312.740 | 312.670 | 312.210 | 312.680 | 312.730 | 6 |
| 7 | 312.520 | 311.940 | 311.530 | 311.270 | 311.990 | 312.600 | 312.700 | 312.730 | 312.660 | 312.200 | 312.680 | 312.710 | 7 |
| 8 | 312.500 | 311.930 | 311.520 | 311.260 | 312.030 | 312.610 | 312.710 | 312.730 | 312.640 | 312.210 | 312.680 | 312.690 | 8 |
| 9 | 312.480 | 311.920 | 311.510 | 311.250 | 312.020 | 312.650 | 312.700 | 312.740 | 312.630 | 312.200 | 312.680 | 312.680 | 9 |
| 10 | 312.470 | 311.900 | 311.500 | 311.250 | 312.040 | 312.670 | 312.710 | 312.730 | 312.620 | 312.230 | 312.690 | 312.780 | 10 |
| 11 | 312.460 | 311.890 | 311.490 | 311.280 | 312.060 | 312.680 | 312.720 | 312.780 | 312.600 | 312.250 | 312.680 | 312.640 | 11 |
| 12 | 312.440 | 311.870 | 311.470 | 311.270 | 312.080 | 312.690 | 312.710 | 312.770 | 312.590 | 312.250 | 312.680 | 312.640 | 12 |
| 13 | 312.430 | 311.850 | 311.460 | 311.280 | 312.140 | 312.710 | 312.710 | 312.770 | 312.580 | 312.290 | 312.680 | 312.640 | 13 |
| 14 | 312.410 | 311.840 | 311.450 | 311.290 | 312.120 | 312.730 | 312.730 | 312.780 | 312.580 | 312.300 | 312.670 | 312.620 | 14 |
| 15 | 312.380 | 311.820 | 311.430 | 311.300 | 312.140 | 312.750 | 312.750 | 312.790 | 312.580 | 312.300 | 312.670 | 312.610 | 15 |
| 16 | 312.380 | 311.780 | 311.420 | 311.330 | 312.160 | 312.780 | 312.770 | 312.810 | 312.530 | 312.310 | 312.690 | 312.600 | 16 |
| 17 | 312.380 | 311.780 | 311.410 | 311.370 | 312.160 | 312.780 | 312.770 | 312.810 | 312.510 | 312.340 | 312.690 | 312.590 | 17 |
| 18 | 312.340 | 311.770 | 311.400 | 311.410 | 312.170 | 312.780 | 312.780 | 312.820 | 312.490 | 312.380 | 312.740 | 312.580 | 18 |
| 19 | 312.320 | 311.750 | 311.380 | 311.480 | 312.200 | 312.790 | 312.750 | 312.830 | 312.470 | 312.420 | 312.740 | 312.580 | 19 |
| 20 | 312.310 | 311.730 | 311.370 | 311.600 | 312.210 | 312.800 | 312.780 | 312.830 | 312.460 | 312.430 | 312.730 | 312.570 | 20 |
| 21 | 312.290 | 311.720 | 311.370 | 311.540 | 312.200 | 312.810 | 312.790 | 312.850 | 312.450 | 312.440 | 312.740 | 312.560 | 21 |
| 22 | 312.270 | 311.700 | 311.380 | 311.590 | 312.240 | 312.820 | 312.780 | 312.840 | 312.450 | 312.500 | 312.740 | 312.550 | 22 |
| 23 | 312.250 | 311.690 | 311.350 | 311.620 | 312.280 | 312.830 | 312.810 | 312.840 | 312.420 | 312.480 | 312.750 | 312.540 | 23 |
| 24 | 312.230 | 311.670 | 311.340 | 311.650 | 312.310 | 312.810 | 312.800 | 312.850 | 312.400 | 312.510 | 312.750 | 312.520 | 24 |
| 25 | 312.200 | 311.650 | 311.330 | 311.680 | 312.330 | 312.790 | 312.780 | 312.840 | 312.390 | 312.570 | 312.750 | 312.510 | 25 |
| 26 | 312.180 | 311.640 | 311.330 | 311.710 | 312.350 | 312.770 | 312.780 | 312.840 | 312.380 | 312.590 | 312.780 | 312.510 | 26 |
| 27 | 312.180 | 311.630 | 311.330 | 311.750 | 312.380 | 312.780 | 312.750 | 312.850 | 312.340 | 312.600 | 312.780 | 312.490 | 27 |
| 28 | 312.140 | 311.610 | 311.320 | 311.780 | 312.410 | 312.740 | 312.730 | 312.840 | 312.320 | 312.620 | 312.780 | 312.480 | 28 |
| 29 | 312.110 | | 311.320 | 311.800 | 312.420 | 312.710 | 312.720 | 312.840 | 312.310 | 312.680 | 312.780 | 312.470 | 29 |
| 30 | 312.100 | | 311.310 | 311.830 | 312.480 | 312.690 | 312.680 | 312.820 | 312.290 | 312.670 | 312.780 | 312.480 | 30 |
| 31 | 312.080 | | 311.310 | | 312.480 | | 312.680 | 312.790 | | 312.670 | | 312.490 | 31 |
| MEAN | 312.359 | 311.827 | 311.434 | 311.440 | 312.157 | 312.703 | 312.731 | 312.785 | 312.531 | 312.383 | 312.710 | 312.613 | MEAN |
| MAX | 312.580 | 312.060 | 311.590 | 311.830 | 312.480 | 312.830 | 312.810 | 312.850 | 312.780 | 312.670 | 312.780 | 312.770 | MAX |
| MIN | 312.080 | 311.610 | 311.310 | 311.250 | 311.850 | 312.500 | 312.670 | 312.690 | 312.290 | 312.200 | 312.670 | 312.480 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 312.309
MAXIMUM DAILY, 312.850 ON AUG 21
MINIMUM DAILY, 311.250 ON APR 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 45 10 N
LONG 86 33 05 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

## LONG LAKE DIVERSION TO LAKE SUPERIOR - STATION NO 04JD003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 31.8 | 43.8 | 31.5 | 24.0 | 0 | 0 | 38.0 | 0 | 40.0 | 39.8 | 20.1 | 22.3 | 1 |
| 2 | 31.3 | 43.6 | 30.8 | 24.0 | 0 | 0 | 21.8 | 0 | 39.4 | 40.8 | 19.8 | 22.0 | 2 |
| 3 | 30.7 | 43.2 | 30.6 | 25.0 | 0 | 0 | 0 | 0 | 38.0 | 38.5 | 20.1 | 22.3 | 3 |
| 4 | 31.0 | 42.3 | 30.0 | 23.4 | 0 | 0 | 0 | 0 | 37.1 | 37.9 | 20.1 | 40.1 | 4 |
| 5 | 30.7 | 41.5 | 30.3 | 25.0 | 0 | 0 | 0 | 0 | 37.4 | 37.6 | 20.1 | 49.5 | 5 |
| 6 | 36.7 | 41.5 | 30.0 | 23.4 | 0 | 0 | 0 | 0 | 36.4 | 38.5 | 19.8 | 48.5 | 6 |
| 7 | 39.2 | 41.2 | 30.0 | 25.0 | 0 | 0 | 0 | 0 | 37.7 | 38.9 | 19.8 | 47.8 | 7 |
| 8 | 38.2 | 40.5 | 30.0 | 25.0 | 0 | 0 | 0 | 0 | 37.4 | 38.2 | 20.4 | 47.4 | 8 |
| 9 | 38.2 | 39.9 | 29.1 | 24.0 | 0 | 0 | 0 | 0 | 37.1 | 17.2 | 20.1 | 47.4 | 9 |
| 10 | 37.8 | 39.9 | 28.2 | 24.8 | 0 | 0 | 0 | 0 | 36.8 | 8.40 | 19.8 | 46.7 | 10 |
| 11 | 36.6 | 39.2 | 28.2 | 24.8 | 0 | 0 | 0 | 0 | 36.4 | 5.70 | 19.6 | 40.1 | 11 |
| 12 | 36.6 | 38.8 | 28.2 | 24.9 | 0 | 0 | 0 | 0 | 36.4 | 6.20 | 19.8 | 37.1 | 12 |
| 13 | 35.9 | 37.9 | 27.3 | 24.9 | 0 | 0 | 0 | 0 | 36.1 | 5.80 | 20.1 | 37.1 | 13 |
| 14 | 35.6 | 37.2 | 27.3 | 24.9 | 0 | 0 | 0 | 0 | 35.6 | 6.40 | 20.1 | 36.8 | 14 |
| 15 | 36.3 | 36.6 | 27.0 | 24.9 | 0 | 0 | 0 | 0 | 35.2 | 6.90 | 19.8 | 36.8 | 15 |
| 16 | 34.4 | 36.3 | 26.7 | 10.6 | 0 | 0.100 | 0 | 0 | 36.2 | 7.80 | 19.6 | 36.4 | 16 |
| 17 | 33.7 | 35.9 | 26.7 | 0 | 0 | 0.100 | 0 | 0 | 35.2 | 8.20 | 21.5 | 36.8 | 17 |
| 18 | 33.7 | 35.6 | 26.7 | 0 | 0 | 0.100 | 0 | 0 | 34.5 | 8.00 | 21.2 | 35.2 | 18 |
| 19 | 33.1 | 36.3 | 26.4 | 0 | 0 | 0.200 | 0 | 0 | 34.2 | 11.0 | 21.2 | 34.9 | 19 |
| 20 | 50.0 | 35.0 | 26.4 | 0 | 0 | 0.200 | 0 | 0 | 33.9 | 14.6 | 21.5 | 35.2 | 20 |
| 21 | 51.4 | 35.0 | 25.8 | 0 | 0 | 0.200 | 0 | 0 | 33.6 | 15.1 | 21.2 | 34.5 | 21 |
| 22 | 50.4 | 34.7 | 25.8 | 0 | 0 | 0.300 | 16.7 | 0 | 35.6 | 15.4 | 21.8 | 34.2 | 22 |
| 23 | 48.3 | 34.4 | 25.2 | 0 | 0 | 23.4 | 41.0 | 0 | 35.3 | 15.8 | 22.0 | 33.9 | 23 |
| 24 | 48.6 | 33.1 | 25.2 | 0 | 0 | 42.3 | 40.0 | 0 | 34.7 | 16.6 | 22.0 | 34.2 | 24 |
| 25 | 47.9 | 32.8 | 25.6 | 0 | 0 | 41.3 | 39.4 | 0 | 33.4 | 16.1 | 21.8 | 33.9 | 25 |
| 26 | 46.9 | 32.5 | 25.2 | 0 | 0 | 40.7 | 39.0 | 0 | 33.4 | 16.9 | 21.8 | 32.7 | 26 |
| 27 | 46.6 | 32.2 | 24.9 | 0 | 0 | 40.0 | 39.0 | 0 | 32.8 | 16.5 | 22.0 | 33.3 | 27 |
| 28 | 45.9 | 32.2 | 24.9 | 0 | 0 | 39.7 | 38.4 | 28.7 | 32.5 | 19.0 | 22.0 | 32.7 | 28 |
| 29 | 44.9 | | 24.6 | 0 | 0 | 39.0 | 38.0 | 41.0 | 38.7 | 19.3 | 22.6 | 32.4 | 29 |
| 30 | 44.9 | | 24.6 | 0 | 0 | 38.7 | 38.0 | 40.7 | 41.2 | 20.1 | 22.6 | 31.8 | 30 |
| 31 | 44.2 | | 24.0 | 0 | | | 16.8 | 40.3 | | 20.1 | | 31.7 | 31 |
| TOTAL | 1 231.4 | 1 052.3 | 847.3 | 378.5 | 0 | 306.300 | 405.9 | 148.7 | 1 083.1 | 806.40 | 624.0 | 1 124.7 | TOTAL |
| MEAN | 39.7 | 37.6 | 27.3 | 12.6 | 0 | 10.2 | 13.1 | 4.80 | 36.1 | 19.5 | 20.8 | 36.3 | MEAN |
| MAX | 51.4 | 43.8 | 31.5 | 25.0 | 0 | 42.3 | 41.0 | 41.0 | 41.2 | 40.8 | 22.6 | 49.5 | MAX |
| MIN | 30.7 | 32.2 | 24.0 | 0 | 0 | 0 | 0 | 0 | 32.5 | 5.40 | 19.6 | 23.0 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.4
MAXIMUM DAILY, 51.4 ON JAN 21
MINIMUM DAILY, 0 ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 04 N
LONG 87 04 08 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 106 000 | JUL | 35 100 |
| FEB | 90 900 | AUG | 12 800 |
| MAR | 73 200 | SEP | 93 600 |
| APR | 32 700 | OCT | 52 400 |
| MAY | 0 | NOV | 53 800 |
| JUN | 26 500 | DEC | 97 200 |

TOTAL DISCHARGE, 674 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1939

## LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE - STATION NO 05QE012

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.13 | 1.60 | 1.38 | 1.56 | 4.82 | 3.63 | 1.67 | 2.24 | 1.38 | 0.723 | 0.408 | 0.345 | 1 |
| 2 | 2.09 | 1.58 | 1.38 | 1.55 | 4.72 | 3.60 | 1.91 | 2.30 | 1.30 | 0.658 | 0.417 | 0.338 | 2 |
| 3 | 2.08 | 1.55 | 1.37 | 1.54 | 4.64 | 3.64 | 1.87A | 2.29 | 1.23 | 0.589 | 0.433 | 0.332 | 3 |
| 4 | 2.07 | 1.54 | 1.35 | 1.56 | 4.64 | 3.41 | 1.77 | 2.18 | 1.21 | 0.577 | 0.467 | 0.336 | 4 |
| 5 | 2.04 | 1.52 | 1.35 | 1.59 | 4.63 | 3.21 | 1.70 | 2.06 | 1.20 | 0.640 | 0.471 | 0.333 | 5 |
| 6 | 2.01 | 1.53 | 1.36 | 1.63 | 4.62 | 3.20 | 1.68 | 2.21 | 1.16 | 0.814 | 0.425 | 0.330 | 6 |
| 7 | 1.99 | 1.51 | 1.38 | 1.71 | 4.52 | 3.29 | 1.71 | 2.17 | 1.15 | 0.951 | 0.404 | 0.334 | 7 |
| 8 | 1.99 | 1.49 | 1.38 | 1.86 | 4.40 | 3.25 | 1.87 | 2.10 | 1.11 | 0.928 | 0.422 | 0.346 | 8 |
| 9 | 1.97 | 1.48 | 1.33 | 2.05 | 4.35 | 3.14 | 1.56 | 2.09 | 1.10 | 0.802 | 0.388 | 0.359 | 9 |
| 10 | 1.95 | 1.48 | 1.32 | 2.31 | 4.08 | 3.02 | 1.58 | 1.99 | 1.06 | 0.574 | 0.375 | 0.360 | 10 |
| 11 | 1.92 | 1.47 | 1.31 | 2.55 | 4.11 | 3.06 | 1.81 | 2.08 | 1.05 | 0.534 | 0.380 | 0.389 | 11 |
| 12 | 1.88 | 1.46 | 1.30 | 2.77 | 3.87 | 3.11 | 1.97 | 2.21 | 1.03 | 0.521 | 0.380 | 0.419 | 12 |
| 13 | 1.85 | 1.45 | 1.30 | 3.03 | 3.70 | 2.96 | 1.94 | 2.14 | 1.02 | 0.520 | 0.386 | 0.416 | 13 |
| 14 | 1.82 | 1.42 | 1.28 | 3.24 | 3.87 | 2.97 | 1.88 | 2.07 | 0.993 | 0.543 | 0.384 | 0.414 | 14 |
| 15 | 1.74 | 1.42 | 1.26 | 3.43 | 3.86 | 2.86 | 1.87 | 2.03 | 0.984 | 0.485 | 0.371 | 0.417 | 15 |
| 16 | 1.71 | 1.41 | 1.26 | 3.73 | 3.68 | 2.73 | 2.28 | 2.03 | 0.947 | 0.484 | 0.400 | 0.422 | 16 |
| 17 | 1.71 | 1.39 | 1.27 | 4.01 | 3.56 | 2.61 | 2.45 | 2.06 | 0.911 | 0.468 | 0.402 | 0.409 | 17 |
| 18 | 1.71 | 1.39 | 1.25 | 4.15 | 3.32 | 2.58 | 2.41 | 1.95 | 0.897 | 0.520 | 0.386 | 0.413 | 18 |
| 19 | 1.68 | 1.40 | 1.24 | 4.30 | 3.17 | 2.48 | 2.56 | 1.92 | 0.893 | 0.511 | 0.405 | 0.419 | 19 |
| 20 | 1.66 | 1.37 | 1.24 | 4.66 | 3.17 | 2.41A | 2.70 | 1.93 | 0.873 | 0.506 | 0.376 | 0.418 | 20 |
| 21 | 1.65 | 1.34 | 1.24 | 4.80 | 3.65 | 2.33A | 2.73 | 1.91 | 0.838 | 0.462 | 0.385 | 0.416 | 21 |
| 22 | 1.61 | 1.32 | 1.24 | 4.63 | 3.44 | 2.27 | 2.73 | 1.88 | 0.833 | 0.468 | 0.380 | 0.416 | 22 |
| 23 | 1.60 | 1.32 | 1.29 | 4.63 | 3.34 | 2.30 | 2.74 | 1.76 | 0.830 | 0.450 | 0.380 | 0.419 | 23 |
| 24 | 1.58 | 1.31 | 1.33 | 4.61 | 3.36 | 2.22A | 2.73 | 1.67 | 0.784 | 0.452 | 0.367 | 0.414 | 24 |
| 25 | 1.54 | 1.32 | 1.43 | 4.68 | 3.29 | 2.11 | 2.68 | 1.61 | 0.748 | 0.424 | 0.345 | 0.408 | 25 |
| 26 | 1.54 | 1.33 | 1.47 | 5.01 | 3.40 | 2.18A | 2.59 | 1.56 | 0.716 | 0.469 | 0.344 | 0.410 | 26 |
| 27 | 1.57 | 1.38 | 1.51 | 5.24 | 3.42 | 2.10 | 2.53 | 1.51 | 0.686 | 0.478 | 0.348 | 0.416 | 27 |
| 28 | 1.58 | 1.32 | 1.50 | 5.07 | 3.48 | 1.98 | 2.48 | 1.49 | 0.697 | 0.442 | 0.348 | 0.416 | 28 |
| 29 | 1.58 | | 1.51 | 5.12 | 3.78 | 1.90 | 2.47 | 1.49 | 0.701 | 0.431 | 0.361 | 0.419 | 29 |
| 30 | 1.62 | | 1.52 | 4.87 | 3.85 | 1.79 | 2.38 | 1.54 | 0.655 | 0.450 | 0.354 | 0.421 | 30 |
| 31 | 1.60 | | 1.52 | | 3.74 | | 2.24 | 1.43 | | 0.414 | | 0.423 | 31 |
| TOTAL | 55.45 | 40.07 | 41.87 | 102.28 | 120.05 | 82.33 | 67.28 | 59.87 | 28.995 | 16.098 | 11.580 | 12.127 | TOTAL |
| MEAN | 1.79 | 1.43 | 1.35 | 3.41 | 3.87 | 2.74 | 2.17 | 1.93 | 0.967 | 0.519 | 0.386 | 0.391 | MEAN |
| MAX | 2.13 | 1.60 | 1.52 | 5.24 | 4.82 | 3.64 | 2.74 | 2.30 | 1.38 | 0.723 | 0.471 | 0.423 | MAX |
| MIN | 1.54 | 1.31 | 1.24 | 1.54 | 3.17 | 1.79 | 1.58 | 1.43 | 0.655 | 0.414 | 0.344 | 0.330 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.75
MAXIMUM DAILY 5.24 ON APR 27
MINIMUM DAILY 0.330 ON DEC 6
MAXIMUM INSTANTANEOUS
5.44 AT 08 11 CST ON APR 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 39 N
LONG 93 58 07 W

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 790 | JUL | 5 810 |
| FEB | 3 480 | AUG | 5 170 |
| MAR | 3 620 | SEP | 2 510 |
| APR | 8 840 | OCT | 1 390 |
| MAY | 10 400 | NOV | 1 000 |
| JUN | 7 110 | DEC | 1 050 |

TOTAL DISCHARGE 55 200 dam³

## LUCKNOW RIVER AT LUCKNOW - STATION NO 02PD002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.03 | 0.7028 | 0.785 | 2.41 | 0.556 | 0.219 | 0.267 | 0.125 | 0.148 | 0.219 | 0.658 | 4.19 | 1 |
| 2 | 0.967 | 0.690 | 1.71 B | 2.17 | 0.522 | 0.211 | 0.238 | 0.313 | 0.164 | 0.205 | 0.725 | 2.84 | 2 |
| 3 | 0.908 | 0.727 | 1.55 B | 2.18 | 0.482 | 0.244 | 0.227 | 0.482 | 0.157 | 0.219 | 1.00 | 1.91 | 3 |
| 4 | 0.8588 | 0.6898 | 1.43 B | 2.25 | 0.457 | 0.236 | 0.231 | 0.296 | 0.129 | 0.213 | 1.25 | 1.64 | 4 |
| 5 | 0.7778 | 0.6878 | 1.32 B | 3.56 | 0.437 | 0.224 | 0.213 | 0.243 | 0.122 | 0.196 | 1.09 | 1.43 | 5 |
| 6 | 0.739 | 0.6818 | 1.30 B | 3.82 | 0.416 | 0.235 | 0.222 | 0.222 | 0.116 | 0.226 | 0.882 | 1.29 | 6 |
| 7 | 0.791 | 0.723 | 2.48 | 2.66 | 0.417 | 0.242 | 0.247 | 0.223 | 0.120 | 0.732 | 0.936 | 1.19 | 7 |
| 8 | 0.810 | 0.8618 | 6.12 | 1.99 | 0.414 | 0.226 | 0.233 | 0.248 | 0.115 | 1.35 | 2.10 | 1.32 | 8 |
| 9 | 0.803 | 0.8588 | 7.02 B | 1.66 | 0.387 | 0.219 | 0.234 | 0.443 | 0.114 | 0.816 | 3.80 | 2.79 | 9 |
| 10 | 0.7558 | 0.8398 | 4.42 B | 1.51 | 0.364 | 0.213 | 0.215 | 0.884 | 0.102 | 0.521 | 2.36 | 2.74 | 10 |
| 11 | 0.7588 | 0.8228 | 2.70 B | 1.33 | 0.375 | 0.198 | 0.214 | 0.370A | 0.180 | 0.408 | 1.52 | 2.01 | 11 |
| 12 | 0.755 | 0.6108 | 1.81 B | 1.28 | 0.380 | 0.225 | 0.205 | 0.270 | 0.237 | 0.385 | 1.18 | 1.84 | 12 |
| 13 | 0.738 | 0.5988 | 1.56 | 1.40 | 0.380 | 0.203 | 0.211 | 0.223 | 0.188 | 0.308 | 1.05 | 1.97 | 13 |
| 14 | 0.791 | 0.5798 | 1.49 | 1.31 | 0.336 | 0.181 | 0.323 | 0.218 | 0.141 | 0.283 | 0.936 | 1.74 | 14 |
| 15 | 1.06 | 0.5708 | 1.40 | 1.26 | 0.323 | 0.172 | 0.284 | 0.414 | 0.131 | 0.334 | 0.815 | 1.56 | 15 |
| 16 | 1.17 | 0.5558 | 1.44 | 1.19 | 0.319 | 0.170 | 0.244 | 0.358 | 0.130 | 0.248 | 0.758 | 1.62 | 16 |
| 17 | 0.9758 | 0.5388 | 1.52 | 1.08 | 0.281 | 0.185 | 0.215 | 0.487A | 0.146 | 0.235 | 0.741 | 1.50 | 17 |
| 18 | 0.8918 | 0.5128 | 1.73 | 1.00 | 0.271 | 0.180 | 0.216 | 0.301 | 0.240 | 0.241 | 1.02 | 1.36 | 18 |
| 19 | 0.8508 | 0.4938 | 2.22 | 0.948 | 0.300 | 0.169 | 0.242 | 0.222 | 0.301 | 0.245 | 1.00 | 1.24 | 19 |
| 20 | 0.8328 | 0.4728 | 2.72 | 0.882 | 0.305 | 0.173 | 0.441 | 0.180 | 0.249 | 0.296 | 0.9098 | 2.60 | 20 |
| 21 | 0.8128 | 0.4618 | 3.14 | 0.827 | 0.295 | 0.178 | 0.311 | 0.180 | 0.317 | 0.398 | 0.8538 | 4.19 | 21 |
| 22 | 0.7948 | 0.4458 | 3.49 | 0.752 | 0.284 | 1.27 | 0.228 | 0.150 | 0.320 | 0.517 | 0.818 | 2.96 | 22 |
| 23 | 0.7708 | 0.415 | 4.00 | 0.768 | 0.258 | 1.84 | 0.226 | 0.146 | 0.228 | 1.09 | 1.05 | 2.06 | 23 |
| 24 | 0.7598 | 0.4188 | 4.01 | 0.732 | 0.241 | 0.844 | 0.209 | 0.138 | 0.188 | 1.17 | 1.60 | 1.76 | 24 |
| 25 | 0.7408 | 0.4178 | 3.76 | 0.862 | 0.240 | 0.429 | 0.268 | 0.137 | 0.173 | 1.71 | 1.74 | 5.37 | 25 |
| 26 | 0.7328 | 0.4188 | 4.19 | 0.828 | 0.285 | 0.356 | 0.183 | 0.130 | 0.161 | 1.15 | 2.33 | 4.21 B | 26 |
| 27 | 0.7238 | 0.4188 | 3.22 | 0.635 | 0.264 | 0.316 | 0.163 | 0.140 | 0.157 | 1.53 | 2.00 | 2.58 B | 27 |
| 28 | 0.7708 | 0.419 | 2.42 | 0.752 | 0.232 | 0.268 | 0.143 | 0.135 | 0.147 | 1.83 | 1.94 | 1.82 B | 28 |
| 29 | 0.6218 | | 2.09 | 0.711 | 0.203 | 0.285 | 0.186 | 0.128 | 0.148 | 1.74 | 3.86 | 1.15 B | 29 |
| 30 | 0.7898 | | 3.79 | 0.609 | 0.203 | 0.274 | 0.152 | 0.121 | 0.185 | 1.84 | 4.62 | 1.00 B | 30 |
| 31 | 0.7688 | | 3.36 | | 0.232 | | 0.142 | 0.138 | | 1.13 | | 0.9448 | 31 |
| TOTAL | 25.728 | 15.823 | 84.345 | 42.986 | 10.433 | 10.167 | 7.113 | 7.823 | 5.214 | 21.452 | 45.831 | 66.764 | TOTAL |
| MEAN | 0.830 | 0.565 | 2.72 | 1.43 | 0.337 | 0.339 | 0.229 | 0.252 | 0.174 | 0.692 | 1.52 | 2.15 | MEAN |
| MAX | 1.17 | 0.727 | 7.02 | 3.82 | 0.556 | 1.84 | 0.441 | 0.884 | 0.320 | 1.83 | 4.62 | 5.37 | MAX |
| MIN | 0.723 | 0.415 | 0.785 | 0.609 | 0.203 | 0.160 | 0.142 | 0.121 | 0.102 | 0.196 | 0.725 | 0.944 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.841
MAXIMUM DAILY 7.028 ON MAR 9
MINIMUM DAILY 0.102 ON SEP 10
MAXIMUM INSTANTANEOUS
9.08 AT 23 17 EST ON MAR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 44 N
LONG 81 30 55 W
DRAINAGE AREA 54.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 220 | JUL | 615 |
| FEB | 1 370 | AUG | 676 |
| MAR | 7 280 | SEP | 450 |
| APR | 3 710 | OCT | 1 850 |
| MAY | 901 | NOV | 3 940 |
| JUN | 878 | DEC | 5 770 |

TOTAL DISCHARGE 29 700 dam³

## LUTTERAL CREEK NEAR RUSTIC - STATION NO. 02GA033

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.739 | 0.5158 | 0.9008 | 2.48 | 0.475 | 0.208 | 0.093 | 0.124 | 0.080 | 0.129 | 0.334 | 1.66 | 1 |
| 2 | 0.710 | 0.6208 | 1.70 B | 2.28 | 0.432 | 0.296 | 0.080 | 0.212 | 0.077 | 0.131 | 0.298 | 1.35 | 2 |
| 3 | 0.6858 | 0.6808 | 2.73 B | 3.05 | 0.402 | 0.331 | 0.124 | 0.324 | 0.071 | 0.114 | 0.277 | 0.988 | 3 |
| 4 | 0.6608 | 0.6208 | 2.40 B | 1.93 | 0.358 | 0.177 | 0.222 | 0.206 | 0.068 | 0.110 | 0.277 | 0.729 | 4 |
| 5 | 0.6358 | 0.5908 | 3.05 B | 5.44 | 0.342 | 0.167 | 0.150 | 0.165 | 0.061 | 0.113 | 0.269 | 0.607 | 5 |
| 6 | 0.6308 | 0.5808 | 1.80 B | 9.02 | 0.317 | 0.147 | 0.136 | 0.141 | 0.065 | 0.114 | 0.262 | 0.4808 | 6 |
| 7 | 0.589 | 0.5808 | 1.65 B | 5.99 | 0.293 | 0.112 | 0.180 | 0.128 | 0.071 | 0.140 | 0.257 | 0.4508 | 7 |
| 8 | 0.610 | 0.5808 | 2.00 B | 3.39 | 0.277 | 0.398 | 0.246 | 0.129 | 0.067 | 0.217 | 0.354 | 0.429 | 8 |
| 9 | 0.581 | 0.5678 | 3.50 B | 2.41 | 0.280 | 0.185 | 0.200 | 0.298 | 0.071 | 0.238 | 0.520 | 0.638 | 9 |
| 10 | 0.577 | 0.5508 | 5.00 B | 1.77 | 0.289 | 0.146 | 0.238 | 0.466 | 0.067 | 0.187 | 0.391 | 0.938 | 10 |
| 11 | 0.589 | 0.5308 | 2.50 B | 1.43 | 0.270 | 0.144 | 0.422 | 0.246 | 0.071 | 0.185 | 0.337 | 0.842 | 11 |
| 12 | 0.573 | 0.5108 | 1.90 B | 1.42 | 0.244 | 0.121 | 0.226 | 0.170 | 0.105 | 0.152 | 0.344 | 0.909 | 12 |
| 13 | 0.579 | 0.5008 | 1.40 B | 1.76 | 0.227 | 0.083 | 0.180 | 0.154 | 0.103 | 0.140 | 0.332 | 0.871 | 13 |
| 14 | 0.5928 | 0.4908 | 1.20 B | 1.57 | 0.253 | 0.098 | 0.282 | 0.146 | 0.089 | 0.133 | 0.294 | 0.780 | 14 |
| 15 | 0.6638 | 0.4808 | 1.14 B | 1.56 | 0.545 | 0.103 | 0.250 | 0.128 | 0.078 | 0.132 | 0.273 | 0.6358 | 15 |
| 16 | 0.7488 | 0.4758 | 1.22 B | 1.38 | 0.394 | 0.092 | 0.180 | 0.117 | 0.077 | 0.127 | 0.262 | 0.5958 | 16 |
| 17 | 0.8408 | 0.4708 | 1.13 B | 1.18 | 0.334 | 0.089 | 0.154 | 0.121 | 0.080 | 0.133 | 0.283 | 0.5758 | 17 |
| 18 | 0.7808 | 0.4658 | 1.16 B | 1.05 | 0.325 | 0.090 | 0.136 | 0.110 | 0.182 | 0.148 | 0.331 | 0.5458 | 18 |
| 19 | 0.7508 | 0.4608 | 1.35 B | 0.917 | 0.315 | 0.109 | 0.124 | 0.094 | 0.155 | 0.185 | 0.350 | 0.530 | 19 |
| 20 | 0.7258 | 0.4578 | 1.75 B | 0.855 | 0.315 | 0.089 | 1.83 | 0.081 | 0.143 | 0.146 | 0.320 | 0.786 | 20 |
| 21 | 0.7008 | 0.4558 | 2.13 B | 0.721 | 0.321 | 0.086 | 1.83 | 0.075 | 0.188 | 0.105 | 0.2858 | 1.28 | 21 |
| 22 | 0.6908 | 0.4538 | 2.60 | 0.632 | 0.286 | 0.321 | 1.11 | 0.079 | 0.185 | 0.107 | 0.2358 | 1.25 | 22 |
| 23 | 0.6808 | 0.4508 | 3.00 | 0.617 | 0.269 | 0.378 | 0.778 | 0.089 | 0.126 | 0.337 | 0.228 | 1.11 | 23 |
| 24 | 0.6658 | 0.4488 | 3.13 | 0.520 | 0.258 | 0.222 | 0.377 | 0.081 | 0.099 | 0.302 | 0.272 | 1.08 | 24 |
| 25 | 0.6508 | 0.4468 | 3.05 | 0.529 | 0.246 | 0.186 | 0.493 | 0.067 | 0.111 | 0.573 | 0.438 | 1.43 | 25 |
| 26 | 0.6408 | 0.4438 | 4.03 | 0.489 | 0.279 | 0.159 | 0.289 | 0.070 | 0.111 | 0.392 | 1.08 | 1.40 B | 26 |
| 27 | 0.6358 | 0.4408 | 3.58 | 0.481 | 0.295 | 0.157 | 0.227 | 0.083 | 0.108 | 0.522 | 0.8888 | 0.9008 | 27 |
| 28 | 0.6258 | 0.4508 | 2.82 | 0.558 | 0.280 | 0.128 | 0.181 | 0.075 | 0.115 | 0.777 | 0.6098 | 0.7008 | 28 |
| 29 | 0.6158 | | 2.26 | 0.536 | 0.209 | 0.119 | 0.164 | 0.086 | 0.111 | 0.610 | 1.51 | 0.6808 | 29 |
| 30 | 0.6058 | | 2.46 | 0.538 | 0.192 | 0.105 | 0.144 | 0.085 | 0.176 | 0.471 | 1.88 | 0.5008 | 30 |
| 31 | 0.6058 | | 2.86 | | 0.177 | | 0.136 | 0.083 | | 0.374 | | 0.4408 | 31 |
| TOTAL | 20.386 | 14.493 | 71.390 | 55.623 | 9.449 | 4.883 | 10.940 | 4.387 | 3.108 | 7.386 | 13.956 | 25.955 | TOTAL |
| MEAN | 0.657 | 0.518 | 2.30 | 1.85 | 0.305 | 0.163 | 0.353 | 0.142 | 0.104 | 0.238 | 0.485 | 0.837 | MEAN |
| MAX | 0.840 | 0.680 | 5.00 | 9.02 | 0.545 | 0.398 | 1.83 | 0.466 | 0.188 | 0.777 | 1.88 | 1.86 | MAX |
| MIN | 0.573 | 0.440 | 0.900 | 0.481 | 0.177 | 0.083 | 0.080 | 0.081 | 0.061 | 0.105 | 0.228 | 0.428 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.653
MAXIMUM DAILY, 9.02 ON APR 6
MINIMUM DAILY, 0.061 ON AUG 24
MAXIMUM INSTANTANEOUS,
10.0 AT 12 39 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 46 N
LONG 80 15 19 W
DRAINAGE AREA, 84.8 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 780 | JUL | 945 |
| FEB | 1 250 | AUG | 380 |
| MAR | 6 170 | SEP | 269 |
| APR | 4 810 | OCT | 838 |
| MAY | 816 | NOV | 1 210 |
| JUN | 422 | DEC | 2 240 |

TOTAL DISCHARGE, 20 900 dam³

## LYN CREEK NEAR LYN - STATION NO. 02MB006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.79 B | 0.4338 | 0.3708 | 5.76 | 0.855 | 0.293 | 0.217 | 0.045 | 0.006 | 1.23 | 0.816 | 16.9 E | 1 |
| 2 | 1.62 B | 0.4268 | 1.06 B | 4.81 | 0.723 | 0.295 | 0.159 | 0.041 | 0.006 | 1.01 | 0.730 | 10.7 E | 2 |
| 3 | 1.40 B | 0.4198 | 1.93 B | 4.04 | 0.623 | 0.285 | 0.189 | 0.043 | 0.005 | 1.08 | 0.804 | 7.42 | 3 |
| 4 | 1.37 B | 0.4128 | 1.90 B | 4.61 | 0.560 | 0.232 | 0.179 | 0.053 | 0.005 | 0.890 | 1.29 | 5.71 | 4 |
| 5 | 1.21 | 0.4058 | 1.85 B | 6.78 | 0.524 | 0.269 | 0.171 | 0.089 | 0.005 | 0.855 | 1.41 | 4.23 | 5 |
| 6 | 1.16 | 0.4008 | 1.80 B | 5.70 | 0.487 | 0.323 | 0.135 | 0.080 | 0.004 | 0.526 | 1.42 | 3.41 | 6 |
| 7 | 1.12 | 0.3958 | 1.85 B | 4.85 | 0.465 | 0.327 | 0.107 | 0.050 | 0.004 | 0.882 | 1.29 | 2.74 | 7 |
| 8 | 1.06 B | 0.3908 | 3.36 B | 3.96 | 0.413 | 0.421 | 0.081 | 0.044 | 0.011 | 1.16 | 1.21 | 2.43 | 8 |
| 9 | 1.00 | 0.3868 | 5.70 B | 3.22 | 0.382 | 0.975 | 0.073 | 0.036 | 0.033 | 1.06 | 2.03 | 2.14 | 9 |
| 10 | 0.977 | 0.3828 | 5.12 B | 2.67 | 0.373 | 1.45 | 0.089 | 0.030 | 0.074 | 0.877 | 2.38 | 4.09 | 10 |
| 11 | 0.939 | 0.3808 | 4.12 B | 2.27 | 0.352 | 1.08 | 0.083 | 0.027 | 0.080 | 0.725 | 1.78 | 4.08 | 11 |
| 12 | 0.933 | 0.3788 | 2.94 | 2.02 | 0.381 | 0.870 | 0.053 | 0.024 | 0.070 | 0.614 | 1.45 | 3.12 | 12 |
| 13 | 0.928 | 0.3768 | 2.48 | 1.78 | 0.330 | 0.641 | 0.041 | 0.019 | 0.169 | 0.564 | 1.37 | 2.63 | 13 |
| 14 | 0.888 | 0.3748 | 2.28 | 1.60 | 0.283 | 0.726 | 0.036 | 0.019 | 0.228 | 0.482 | 1.30 | 2.22 | 14 |
| 15 | 0.903 | 0.3728 | 2.16 | 1.47 | 0.284 | 0.631 | 0.036 | 0.016 | 0.188 | 0.450 | 1.18 | 1.91 | 15 |
| 16 | 0.9018 | 0.3708 | 2.16 | 1.37 | 0.303 | 0.481 | 0.038 | 0.014 | 0.149 | 0.432 | 1.18 | 1.81 | 16 |
| 17 | 0.7288 | 0.3678 | 2.15 B | 1.26 | 0.418 | 0.382 | 0.041 | 0.013 | 0.114 | 0.404 | 1.11 | 1.82 | 17 |
| 18 | 0.6818 | 0.3648 | 2.30 B | 1.15 | 0.314 | 0.296 | 0.068 | 0.011 | 0.081 | 0.348 | 1.85 | 1.70 | 18 |
| 19 | 0.6588 | 0.3608 | 3.04 B | 0.993 | 0.320 | 0.245 | 0.360 | 0.009 | 0.105 | 0.353 | 2.00 | 1.42 | 19 |
| 20 | 0.6418 | 0.3578 | 4.24 B | 0.878 | 0.245 | 0.212 | 0.576 | 0.007 | 0.351 | 0.352 | 1.74 | 1.56 | 20 |
| 21 | 0.6068 | 0.3858 | 4.80 | 0.825 | 0.187 | 0.186 | 0.414 | 0.006 | 0.505 | 0.458 | 1.42 | 3.29 | 21 |
| 22 | 0.5788 | 0.3848 | 9.11 | 0.723 | 0.203 | 0.185 | 0.286 | 0.005 | 0.439 | 0.522 | 1.13 | 3.59 | 22 |
| 23 | 0.5448 | 0.3838 | 14.1 E | 0.683 | 0.201 | 0.188 | 0.188 | 0.003 | 0.339 | 0.582 | 0.917 | 2.79 | 23 |
| 24 | 0.5228 | 0.3518 | 12.2 E | 0.645 | 0.202 | 0.180 | 0.157 | 0.004 | 0.288 | 0.902 | 0.988 | 2.27 | 24 |
| 25 | 0.4888 | 0.3508 | 10.2 | 0.887 | 0.193 | 0.118 | 0.432 | 0.003 | 0.255 | 1.10 | 1.15 | 2.90 | 25 |
| 26 | 0.4808 | 0.3498 | 10.3 | 0.737 | 0.208 | 0.106 | 0.404 | 0.003 | 0.212 | 1.12 | 1.28 | 5.17 | 26 |
| 27 | 0.4718 | 0.3478 | 9.09 | 0.843 | 0.227 | 0.112 | 0.247 | 0.003 | 0.180 | 0.944 | 1.38 | 3.52 | 27 |
| 28 | 0.4628 | 0.3468 | 8.93 | 0.656 | 0.412 | 0.128 | 0.153 | 0.003 | 0.175 | 1.01 | 1.32 | 2.63 B | 28 |
| 29 | 0.4558 | | 5.58 | 0.812 | 0.602 | 0.187 | 0.108 | 0.005 | 0.211 | 1.05 | 2.13 | 1.85 | 29 |
| 30 | 0.4488 | | 4.68 | 0.843 | 0.447 | 0.285 | 0.079 | 0.004 | 0.581 | 0.943 | 15.1 E | 1.24 B | 30 |
| 31 | 0.4408 | | 5.30 | | 0.311 | | 0.086 | 0.004 | | 0.881 | | 0.897 | 31 |
| TOTAL | 26.381 | 10.551 | 145.190 | 88.745 | 11.818 | 12.245 | 5.184 | 0.573 | 4.921 | 23.336 | 54.875 | 112.227 | TOTAL |
| MEAN | 0.851 | 0.377 | 4.68 | 2.29 | 0.381 | 0.408 | 0.167 | 0.022 | 0.164 | 0.753 | 1.83 | 3.62 | MEAN |
| MAX | 1.79 | 0.433 | 14.1 | 6.78 | 0.855 | 1.45 | 0.576 | 0.089 | 0.581 | 1.23 | 15.1 | 16.9 | MAX |
| MIN | 0.440 | 0.346 | 0.370 | 0.643 | 0.187 | 0.105 | 0.036 | 0.003 | 0.004 | 0.348 | 0.730 | 0.897 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 16.9E ON DEC 1
MINIMUM DAILY, 0.003 ON AUG 23
MAXIMUM INSTANTANEOUS,
21.1E AT 19 30 EST ON NOV 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 30 N
LONG 75 48 19 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 280 | JUL | 448 |
| FEB | 912 | AUG | 58.1 |
| MAR | 12 500 | SEP | 425 |
| APR | 5 940 | OCT | 2 020 |
| MAY | 1 020 | NOV | 4 740 |
| JUN | 1 080 | DEC | 9 700 |

TOTAL DISCHARGE, 41 100 dam³

## LYNDE CREEK NEAR WHITBY - STATION NO 02HC018

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.32 | 0.5208 | 5.648 | 2.16 B | 0.526 | 1.43 | 0.257 | 0.183 | 0.397 | 0.284 | 0.395 | 2.01 | 1 |
| 2 | 1.24 | 0.8008 | 15.18 | 3.63 | 0.426 | 0.708 | 0.232 | 0.497 | 0.233 | 0.289 | 0.389 | 1.46 | 2 |
| 3 | 1.02 B | 0.8008 | 9.588 | 3.83 | 0.442 | 0.503 | 0.377 | 0.827 | 0.206 | 0.283 | 0.568 | 1.16 | 3 |
| 4 | 0.8468 | 0.5808 | 6.358 | 5.69 | 0.396 | 0.399 | 0.316 | 0.419 | 0.187 | 0.276 | 0.680 | 0.934 | 4 |
| 5 | 0.8588 | 0.5308 | 4.068 | 9.18 | 0.391 | 0.356 | 0.222 | 0.273 | 0.171 | 0.328 | 0.558 | 0.7448 | 5 |
| 6 | 0.891 | 0.5158 | 3.378 | 3.84 | 0.386 | 0.339 | 0.196 | 0.214 | 0.179 | 0.302 | 0.479 | 0.4108 | 6 |
| 7 | 0.881 | 0.5308 | 6.708 | 2.30 | 0.386 | 0.483 | 0.223 | 0.203 | 0.191 | 0.385 | 0.544 | 0.5608 | 7 |
| 8 | 0.8708 | 0.7508 | 10.78 | 1.83 | 0.351 | 0.684 | 1.74 | 0.194 | 0.374 | 0.600 | 1.21 | 0.734 | 8 |
| 9 | 0.8488 | 0.5608 | 5.018 | 1.58 | 0.320 | 0.484 | 1.22 | 0.440 | 0.389 | 0.414 | 1.78 | 1.02 | 9 |
| 10 | 0.820 | 0.5308 | 4.218 | 1.38 | 0.314 | 0.359 | 0.488 | 0.592 | 0.276 | 0.342 | 0.847 | 1.84 | 10 |
| 11 | 0.843 | 0.5208 | 4.188 | 1.23 | 0.292 | 0.321 | 0.391 | 0.291 | 0.234 | 0.291 | 0.6458 | 1.23 | 11 |
| 12 | 0.828 | 0.5188 | 1.648 | 1.30 | 0.320 | 0.397 | 0.326 | 0.235 | 0.239 | 0.272 | 0.620 | 1.53 | 12 |
| 13 | 0.797 | 0.5108 | 1.378 | 1.87 | 0.284 | 0.470 | 0.267 | 0.205 | 0.480 | 0.282 | 0.586 | 1.45 | 13 |
| 14 | 0.832 | 0.5088 | 1.328 | 1.31 | 0.338 | 0.336 | 0.871 | 0.191 | 0.276 | 0.250 | 0.601 | 1.05 | 14 |
| 15 | 1.03 | 0.5038 | 1.288 | 1.32 | 0.457 | 0.272 | 0.629 | 0.185 | 0.241 | 0.239 | 0.527 | 1.32 | 15 |
| 16 | 0.8348 | 0.5008 | 1.278 | 1.19 | 0.351 | 0.246 | 0.387 | 0.191 | 0.218 | 0.251 | 0.504 | 2.17 | 16 |
| 17 | 0.7408 | 0.5008 | 1.288 | 1.03 | 0.308 | 0.216 | 0.275 | 0.3908 | 0.253 | 0.270 | 0.641 | 1.61 B | 17 |
| 18 | 0.8908 | 0.5008 | 1.308 | 0.952 | 0.285 | 0.188 | 0.249 | 0.332 | 1.08 | 0.351 | 0.836 | 0.9308 | 18 |
| 19 | 0.8608 | 0.4988 | 1.528 | 0.880 | 0.292 | 0.182 | 0.244 | 0.235 | 0.542 | 0.371 | 0.707 | 1.08 | 19 |
| 20 | 0.8408 | 0.4988 | 1.75 | 0.797 | 0.289 | 0.172 | 0.700 | 0.189 | 0.721 | 0.352 | 0.683 | 4.93 | 20 |
| 21 | 0.8208 | 0.4988 | 1.71 | 0.723 | 0.283 | 0.180 | 0.357 | 0.170 | 0.653 | 0.343 | 0.4428 | 5.80 | 21 |
| 22 | 0.8008 | 0.4988 | 1.68 | 0.630 | 0.295 | 1.25 | 0.257 | 0.183 | 0.697 | 0.348 | 0.408 | 2.21 | 22 |
| 23 | 0.8858 | 0.4988 | 1.95 | 0.828 | 0.540 | 0.812 | 0.230 | 0.182 | 0.392 | 0.746 | 0.398 | 1.72 | 23 |
| 24 | 0.8758 | 0.4988 | 1.88 | 0.825 | 0.433 | 0.398 | 0.218 | 0.145 | 0.320 | 0.674 | 0.477 | 1.48 | 24 |
| 25 | 0.8808 | 0.4978 | 1.82 | 0.802 | 0.392 | 0.279 | 0.185 | 0.133 | 0.271 | 0.861 | 1.30 | 1.25 E | 25 |
| 26 | 0.8858 | 0.4978 | 2.10 | 0.552 | 0.385 | 0.473 | 0.189 | 0.132 | 0.237 | 0.884 | 2.50 | 0.9208 | 26 |
| 27 | 0.8458 | 0.4978 | 1.88 | 0.575 | 0.485 | 0.388 | 0.183 | 0.130 | 0.258 | 0.888 | 1.51 | 0.7808 | 27 |
| 28 | 0.8408 | 0.4978 | 1.70 | 0.812 | 1.16 | 0.380 | 0.144 | 0.145 | 0.335 | 0.822 | 1.11 | 0.6808 | 28 |
| 29 | 0.8368 | | 1.58 | 0.700 | 1.25 | 0.332 | 0.184 | 0.217 | 0.308 | 0.853 | 6.38 | 0.5808 | 29 |
| 30 | 0.8308 | | 2.218 | 0.840 | 0.704 | 0.304 | 0.258 | 0.179 | 0.307 | 0.485 | 4.47 | 0.5208 | 30 |
| 31 | 0.8258 | | 3.048 | | 0.888 | | 0.229 | 0.304 | | 0.434 | | 0.5008 | 31 |
| TOTAL | 23.898 | 14.932 | 110.35 | 53.167 | 13.928 | 13.308 | 11.976 | 8.186 | 10.838 | 12.927 | 32.787 | 44.322 | TOTAL |
| MEAN | 0.784 | 0.533 | 3.56 | 1.77 | 0.449 | 0.444 | 0.386 | 0.263 | 0.361 | 0.417 | 1.09 | 1.43 | MEAN |
| MAX | 1.32 | 0.800 | 15.1 | 9.18 | 1.25 | 1.43 | 1.74 | 0.827 | 1.08 | 0.861 | 6.38 | 5.80 | MAX |
| MIN | 0.825 | 0.497 | 1.27 | 0.552 | 0.288 | 0.172 | 0.144 | 0.130 | 0.171 | 0.239 | 0.389 | 0.410 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.980
MAXIMUM DAILY, 15.18 ON MAR 2
MINIMUM DAILY, 0.130 ON AUG 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 52 32 N
LONG 78 57 43 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 050 | JUL | 1 030 |
| FEB | 1 280 | AUG | 708 |
| MAR | 9 530 | SEP | 938 |
| APR | 4 590 | OCT | 1 120 |
| MAY | 1 200 | NOV | 2 830 |
| JUN | 1 150 | DEC | 3 830 |

TOTAL DISCHARGE, 30 300 dam³

## LYNN RIVER AT SIMCOE - STATION NO. 02EC006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.56 | 2.14 | 4.75 | 3.08 | 1.97 | 1.42 | 1.49 | 1.21 | 1.32 | 1.04 | 1.19 | 1.98 | 1 |
| 2 | 2.85 | 2.16 | 5.27 | 3.43 | 1.92 | 1.43 | 1.44 | 1.71 | 1.26 | 1.03 | 1.18 | 1.78 | 2 |
| 3 | 2.83 | 2.23 | 3.14 | 3.36 | 1.87 | 1.43 | 1.46 | 1.51 | 1.18 | 1.04 | 1.17 | 1.70 | 3 |
| 4 | 2.47 | 2.19 | 2.46 | 3.39 | 1.81 | 1.38 | 1.40 | 1.31 | 1.14 | 1.03 | 1.12 | 1.70 | 4 |
| 5 | 2.44 | 2.12 | 2.31 | 6.86 | 1.87 | 1.38 | 1.34 | 1.24 | 1.11 | 1.05 | 1.13 | 1.57 | 5 |
| 6 | 2.43 | 2.11 | 2.37 | 5.53 | 1.84 | 1.32 | 1.85 | 1.18 | 1.11 | 1.09 | 1.15 | 1.52 | 6 |
| 7 | 2.80 | 2.08 | 3.06 | 5.51 | 1.85 | 1.36 | 1.48 | 1.11 | 1.11 | 1.20 | 1.10 | 1.47 | 7 |
| 8 | 2.82 | 2.14 | 3.83 | 4.13 | 1.83 | 1.56 | 1.37 | 1.11 | 1.18 | 1.12 | 1.19 | 1.44 | 8 |
| 9 | 2.54 | 2.008 | 3.73 | 3.44 | 1.77 | 1.51 | 0.941 | 2.70 | 1.14 | 1.07 | 1.40 | 1.74 | 9 |
| 10 | 2.57 | 2.02 | 2.758 | 3.07 | 1.73 | 1.46 | 1.33 | 1.77 | 1.08 | 1.05 | 1.25 | 1.78 | 10 |
| 11 | 2.54 | 1.98 | 2.38 | 2.84 | 1.75 | 1.41 | 1.32 | 1.42 | 1.14 | 1.20 | 1.15 | 1.88 | 11 |
| 12 | 2.62 | 1.98 | 2.22 | 3.32 | 1.73 | 1.47 | 1.18 | 1.31 | 1.12 | 1.12 | 1.18 | 1.73 | 12 |
| 13 | 2.46 | 1.92 | 2.14 | 3.57 | 1.70 | 1.38 | 1.17 | 1.11 | 1.11 | 1.28 | 1.14 | 1.84 | 13 |
| 14 | 2.55 | 1.85 | 2.11 | 2.85 | 1.84 | 1.38 | 1.74 | 1.08 | 1.07 | 0.968 | 1.11 | 1.57 | 14 |
| 15 | 3.88 | 1.788 | 2.07 | 3.01 | 1.85 | 1.29 | 1.47 | 1.07 | 1.17 | 0.959 | 1.10 | 2.88 | 15 |
| 16 | 3.85 | 1.738 | 2.05 | 2.86 | 1.74 | 1.26 | 1.45 | 1.08 | 1.11 | 0.883 | 1.08 | 2.59 | 16 |
| 17 | 3.05 | 1.70 | 1.88 | 2.73 | 1.88 | 1.27 | 1.34 | 1.08 | 1.27 | 1.07 | 1.15 | 2.29 | 17 |
| 18 | 2.77 | 1.72 | 1.86 | 2.59 | 1.75 | 1.25 | 1.22 | 0.950 | 1.38 | 1.01 | 0.875 | 1.88 | 18 |
| 19 | 2.71 | 1.66 | 1.84 | 2.50 | 1.77 | 1.23 | 1.13 | 1.07 | 1.15 | 1.01 | 1.07 | 1.85 | 19 |
| 20 | 2.63 | 1.86 | 2.00 | 2.42 | 1.73 | 1.10 | 1.23 | 1.02 | 1.16 | 1.01 | 1.07 | 3.28 | 20 |
| 21 | 2.57 | 1.85 | 2.00 | 2.34 | 1.88 | 1.18 | 1.18 | 1.22 | 1.17 | 1.10 | 1.04 | 3.38 | 21 |
| 22 | 2.45 | 1.83 | 1.89 | 2.28 | 1.87 | 1.82 | 1.13 | 1.22 | 1.23 | 1.16 | 0.998 | 2.49 | 22 |
| 23 | 2.41 | 1.70 | 2.06 | 2.23 | 1.84 | 1.57 | 1.07 | 1.13 | 1.19 | 1.19 | 1.08 | 2.11 | 23 |
| 24 | 2.308 | 1.85 | 2.01 | 1.97 | 1.58 | 1.42 | 1.04 | 0.984 | 1.13 | 1.33 | 1.08 | 2.00 | 24 |
| 25 | 2.238 | 1.84 | 2.13 | 2.03 | 1.57 | 1.38 | 1.15 | 0.944 | 1.15 | 1.34 | 2.51 | 2.30 | 25 |
| 26 | 2.18 | 1.82 | 2.38 | 2.05 | 1.58 | 2.08 | 1.06 | 1.02 | 1.08 | 1.23 | 2.82 | 2.15 | 26 |
| 27 | 2.13 | 1.82 | 2.24 | 2.12 | 1.57 | 1.48 | 0.999 | 1.54 | 1.05 | 1.56 | 2.00 | 1.92 | 27 |
| 28 | 2.18 | 1.89 | 2.13 | 2.15 | 1.48 | 1.48 | 0.914 | 1.30 | 1.08 | 1.40 | 1.59 | 1.81 | 28 |
| 29 | 2.18 | | 2.08 | 2.10 | 1.53 | 1.57 | 0.901 | 1.22 | 1.15 | 1.26 | 2.33 | 1.75 | 29 |
| 30 | 2.28 | | 2.66 | 2.04 | 1.39 | 1.65 | 1.48 | 1.13 | 1.07 | 1.21 | 2.25 | 1.56 | 30 |
| 31 | 2.22 | | 3.35 | | 1.42 | | 1.81 | 1.51 | | 1.19 | | 1.68 | 31 |
| TOTAL | 79.70 | 52.34 | 79.69 | 92.95 | 53.17 | 43.03 | 39.885 | 39.248 | 34.65 | 35.261 | 40.573 | 61.51 | TOTAL |
| MEAN | 2.57 | 1.87 | 2.57 | 3.10 | 1.72 | 1.43 | 1.29 | 1.27 | 1.16 | 1.14 | 1.35 | 1.98 | MEAN |
| MAX | 3.88 | 2.23 | 5.27 | 6.86 | 1.97 | 2.08 | 1.85 | 2.70 | 1.38 | 1.56 | 2.82 | 3.38 | MAX |
| MIN | 2.13 | 1.82 | 1.86 | 1.97 | 1.39 | 1.10 | 0.901 | 0.944 | 1.05 | 0.959 | 0.875 | 1.44 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.79
MAXIMUM DAILY, 6.86 ON APR 5
MINIMUM DAILY, 0.875 ON NOV 18
MAXIMUM INSTANTANEOUS,
8.97 AT 12:26 EST ON AUG 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 21 N
LONG 80 17 22 W
DRAINAGE AREA, 134 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 890 | JUL | 3 450 |
| FEB | 4 520 | AUG | 3 390 |
| MAR | 5 890 | SEP | 2 990 |
| APR | 5 030 | OCT | 3 050 |
| MAY | 4 590 | NOV | 3 510 |
| JUN | 3 720 | DEC | 5 310 |

TOTAL DISCHARGE, 55 300 dam³

## MAD RIVER NEAR GLENCAIRN - STATION NO. 02ED005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.05 | 2.908 | 1.808 | 13.5 | 4.12 | --- | --- | --- | --- | 2.15 | --- | --- | 1 |
| 2 | 3.11 | 2.858 | 1.958 | 13.8 | 3.85 | --- | --- | --- | --- | 1.91 | --- | --- | 2 |
| 3 | 3.00 | 2.808 | 2.088 | 11.4 | 3.67 | --- | --- | --- | --- | --- | --- | --- | 3 |
| 4 | 2.958 | 2.388 | 2.208 | 10.7 | 3.49 | --- | --- | --- | --- | --- | --- | --- | 4 |
| 5 | 2.908 | 2.328 | 2.408 | 22.1 | 3.38A | --- | --- | --- | --- | --- | --- | --- | 5 |
| 6 | 3.84 | 2.308 | 2.81 | 29.2 | --- | --- | --- | --- | --- | --- | --- | --- | 6 |
| 7 | 2.90 | 2.288 | 7.98 | 21.4 | --- | --- | --- | --- | --- | 1.33A | --- | --- | 7 |
| 8 | 2.75 | 2.268 | 19.6 | 16.8 | --- | --- | --- | --- | --- | --- | --- | --- | 8 |
| 9 | 2.77 | 2.248 | 12.7 | 14.8 | --- | 2.26A | --- | --- | --- | --- | --- | --- | 9 |
| 10 | 2.80 | 2.228 | 9.44 | 13.1 | --- | --- | --- | --- | 1.01A | --- | --- | --- | 10 |
| 11 | 2.87 | 2.228 | 7.03 | 11.8 | --- | --- | --- | --- | 1.01A | --- | --- | --- | 11 |
| 12 | 2.83 | 2.218 | 6.53 | 11.0 | --- | --- | --- | --- | 1.07 | --- | --- | --- | 12 |
| 13 | 2.84 | 2.208 | 5.64 | 10.4 E | --- | --- | --- | --- | 1.11 | 1.33A | --- | --- | 13 |
| 14 | 2.83 | 2.188 | 5.05 | 10.1 E | --- | --- | --- | --- | 1.14 | --- | --- | --- | 14 |
| 15 | 2.96 | 2.158 | 4.76 | 9.82A | --- | --- | --- | --- | 1.04 | --- | --- | --- | 15 |
| 16 | 2.84 | 2.108 | 4.51 | 8.82 | --- | --- | --- | --- | 1.05 | --- | --- | --- | 16 |
| 17 | 2.858 | 2.078 | 4.17 | 8.08 | --- | --- | --- | --- | 1.21 | --- | --- | --- | 17 |
| 18 | 2.808 | 2.048 | 4.13 | 7.34 | --- | --- | --- | --- | 1.29 | --- | --- | --- | 18 |
| 19 | 2.77 | 2.028 | 4.42 | 6.67 | --- | --- | --- | --- | 1.29 | --- | --- | --- | 19 |
| 20 | 2.778 | 2.028 | 4.80 | 6.21 | --- | --- | --- | --- | 1.55 | --- | --- | --- | 20 |
| 21 | 2.758 | 2.088 | 5.55 | 5.82 | --- | --- | --- | --- | 1.43 | --- | --- | --- | 21 |
| 22 | 2.758 | 2.188 | 7.11 | 5.41 | --- | --- | --- | --- | 1.50 | --- | --- | --- | 22 |
| 23 | 2.758 | 2.258 | 9.39 | 5.18 | --- | --- | --- | --- | 1.32 | --- | --- | --- | 23 |
| 24 | 2.778 | 2.238 | 11.7 | 4.99 | --- | --- | --- | --- | 1.20 | --- | 4.48A | --- | 24 |
| 25 | 2.788 | 2.138 | 14.0 | 4.85 | --- | --- | --- | --- | 1.15 | --- | --- | --- | 25 |
| 26 | 2.828 | 2.008 | 15.6 | 4.45 | 3.04A | --- | --- | --- | 1.14 | --- | --- | --- | 26 |
| 27 | 2.838 | 1.808 | 14.2 | 4.36 | --- | --- | --- | --- | 1.13 | --- | --- | --- | 27 |
| 28 | 3.108 | 1.638 | 12.9 | 4.91 | --- | --- | --- | --- | 1.33 | --- | --- | --- | 28 |
| 29 | 3.308 | | 12.3 | 4.62 | --- | --- | 1.58A | --- | 1.25 | --- | --- | --- | 29 |
| 30 | 3.308 | | 10.4 | 4.51 | --- | --- | --- | --- | 1.34 | --- | 7.43A | --- | 30 |
| 31 | 3.158 | | 15.6 | | --- | | --- | --- | | --- | | --- | 31 |
| TOTAL | 89.83 | 61.56 | 250.75 | 304.73 | --- | --- | --- | --- | -- | --- | --- | --- | TOTAL |
| MEAN | 2.90 | 2.20 | 8.09 | 10.2 | --- | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 3.30 | 2.90 | 19.6 | 29.2 | --- | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 2.75 | 1.83 | 1.80 | 4.36 | --- | --- | --- | --- | --- | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 29.2 ON APR 6

MAXIMUM INSTANTANEOUS,
34.5 AT 01:27 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 18 N
LONG 80 00 07 W
DRAINAGE AREA, 295 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 780 | JUL | --- |
| FEB | 5 320 | AUG | --- |
| MAR | 21 700 | SEP | --- |
| APR | 26 300 | OCT | --- |
| MAY | --- | NOV | --- |
| JUN | --- | DEC | --- |

REMARKS - MISSING DATA (MAY-SEP) DUE TO VANDALISM. GAUGE DESTROYED BY CAR OCT 02 1987. REPLACED IN 1988 BY 02ED015

## MADAWASKA RIVER AT BARK LAKE DAM - STATION NO. 02KD007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 12.7 | 3.30 | 3.00 | 5.30 | --- | 3.00 | 5.80 | 2.90 | 32.9 | 1 |
| 2 | 15.6 | 72.6 | 43.1 | 13.1 | --- | 3.10 | 4.80 | --- | 2.90 | 3.00 | 3.00 | 32.5 | 2 |
| 3 | --- | 70.1 | 42.0 | 13.5 | --- | 2.70 | 5.00 | --- | 2.90 | --- | 3.10 | 31.6 | 3 |
| 4 | --- | 66.3 | 41.2 | --- | 3.40 | 2.80 | 2.70 | 5.70 | 2.90 | --- | --- | 31.2 | 4 |
| 5 | 65.1 | 64.3 | 39.1 | --- | 2.90 | 3.00 | --- | 5.70 | --- | 3.00 | 3.20 | --- | 5 |
| 6 | 49.2 | 61.5 | 38.7 | 15.4 | 3.00 | --- | 2.70 | 7.10 | --- | 3.00 | 3.20 | --- | 6 |
| 7 | 85.0 | --- | --- | 16.4 | 3.00 | 3.00 | 3.30 | 7.10 | --- | 3.00 | --- | 20.2 | 7 |
| 8 | 115 | --- | --- | 18.0 | 2.80 | 2.80 | 3.30 | --- | 3.80 | 3.10 | --- | 30.1 | 8 |
| 9 | 123 | 57.5 | 27.5 | 6.80 | --- | 2.80 | 3.30 | --- | 4.00 | 3.10 | 3.00 | --- | 9 |
| 10 | 126 | 56.7 | 26.5 | 3.30 | 2.30 | 3.00 | 3.00 | 3.10 | 4.00 | 7.70 | 3.00 | 30.8 | 10 |
| 11 | --- | 57.1 | 25.9 | 4.40 | 2.00 | 3.00 | --- | 5.80 | 4.00 | 7.70 | 3.00 | 30.6 | 11 |
| 12 | 97.3 | 56.4 | 24.1 | 5.50 | 2.80 | 3.00 | --- | 5.80 | --- | 7.70 | 3.00 | 30.5 | 12 |
| 13 | 107 | 56.0 | 21.8 | 6.80 | 2.70 | --- | 3.00 | 5.70 | --- | 5.40 | 3.00 | --- | 13 |
| 14 | 117 | --- | --- | 5.40 | 2.60 | --- | 3.00 | 5.80 | 4.10 | 3.00 | --- | 25.5 | 14 |
| 15 | 104 | --- | --- | 4.20 | 3.40 | 3.10 | 3.00 | 3.00 | 4.10 | 3.00 | --- | 25.3 | 15 |
| 16 | 126 | 75.2 | 19.0 | 4.20 | --- | 26.7 | 2.90 | 3.00 | 4.00 | 3.00 | 3.00 | 25.6 | 16 |
| 17 | --- | 68.3 | 20.0 | --- | 3.10 | 26.3 | 3.00 | 3.00 | 4.00 | --- | 3.00 | 26.0 | 17 |
| 18 | --- | 67.8 | 18.2 | --- | --- | 26.3 | --- | 7.30 | 4.00 | --- | 3.00 | 26.2 | 18 |
| 19 | 88.4 | 66.3 | 17.5 | --- | 2.80 | 25.5 | --- | 7.20 | 4.00 | 3.00 | 3.00 | --- | 19 |
| 20 | 113 | 65.5 | 17.0 | --- | 3.30 | --- | 8.00 | 7.20 | 4.00 | 3.00 | 3.00 | --- | 20 |
| 21 | 126 | --- | --- | 4.00E | 2.90 | --- | 3.00 | 7.20 | 4.00 | 3.00 | --- | 27.1 | 21 |
| 22 | 117 | --- | --- | 4.00E | 2.80 | 21.2 | 3.00 | --- | 3.00 | 3.00 | --- | 27.1 | 22 |
| 23 | 118 | 62.7 | 16.2 | 4.00E | --- | 20.5 | 3.00 | --- | 3.00 | 3.00 | 3.30 | 27.1 | 23 |
| 24 | --- | 44.7 | 16.4 | 3.00 | --- | 21.9 | 3.00 | 5.70 | 3.00 | --- | 8.70 | 27.3 | 24 |
| 25 | --- | 48.4 | 10.7 | --- | 2.80 | 21.9 | --- | 8.60 | 3.00 | --- | 8.30 | --- | 25 |
| 26 | 85.0 | 47.6 | 9.60 | --- | 3.00 | 4.70 | --- | 8.50 | --- | 3.00 | 14.7 | --- | 26 |
| 27 | 123 | 47.0 | 9.70 | 3.30 | 2.70 | --- | 3.00 | 8.50 | --- | 3.00 | 26.0 | --- | 27 |
| 28 | 114 | --- | --- | 2.80 | 2.80 | --- | 2.90 | 8.50 | 3.00 | 3.00 | --- | 27.1 | 28 |
| 29 | 103 | | --- | 3.30 | 2.40 | 4.60 | 3.00 | --- | 5.10 | 2.80 | --- | 27.1 | 29 |
| 30 | 93.7 | | 10.1 | 3.10 | --- | 5.50 | 3.00 | --- | 3.00 | 2.80 | 27.5 | 27.1 | 30 |
| 31 | --- | | 11.0 | | --- | | 2.80 | 5.80 | | --- | | 26.9 | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 24 59 N
LONG 77 47 17 W
DRAINAGE AREA 2 720 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | --- |
| FEB | --- | AUG | --- |
| MAR | --- | SEP | --- |
| APR | --- | OCT | --- |
| MAY | --- | NOV | --- |
| JUN | --- | DEC | --- |

DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED
REGULATED

## MADAWASKA RIVER AT PALMER RAPIDS - STATION NO 02KD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 46.2 | 114 | 85.8 | 197 | 65.8 | 40.3 | 30.7 | 15.1 | 11.2 | 10.7 | 26.4 | 77.1 | 1 |
| 2 | 46.2 | 107 | 84.0 | 209 | 65.8 | 47.2 | 30.8 | 15.0 | 10.8 | 10.8 | 25.7 | 78.3 | 2 |
| 3 | 46.0 | 98.8 | 85.8 | 198 | 64.9 | 53.2 | 28.7 | 15.1 | 10.7 | 10.7 | 24.2 | 78.7 | 3 |
| 4 | 45.8 | 98.1 | 85.7 | 195 | 58.0 | 55.4 | 23.8 | 15.4 | 10.5 | 10.5 | 22.8 | 78.2 | 4 |
| 5 | 51.3 | 90.4 | 84.8 | 204 | 51.8 | 43.4 | 23.4 | 15.5 | 10.5 | 10.4 | 18.6 | 82.3 | 5 |
| 6 | 94.8 | 85.7 | 56.3 | 217 | 51.9 | 35.3 | 23.4 | 15.6 | 10.3 | 10.5 | 18.7 | 81.5 | 6 |
| 7 | 125 | 88.9 | 49.2 | 251 | 45.7 | 35.5 | 31.7 | 15.5 | 10.3 | 11.2 | 19.0 | 79.1 | 7 |
| 8 | 134 | 88.4 | 49.5 | 274 | 45.3 | 41.1 | 36.7 | 15.1 | 10.4 | 12.1 | 19.0 | 77.1 | 8 |
| 9 | 147 | 88.6 | 49.7 | 269 | 49.3 | 45.8 | 32.8 | 14.9 | 10.7 | 12.4 | 19.4 | 77.6 | 9 |
| 10 | 151 | 85.0 | 49.8 | 264 | 37.8 | 56.5 | 25.0 | 14.8 | 10.4 | 12.8 | 24.0 | 78.8 | 10 |
| 11 | 146 | 82.1 | 50.1 | 256 | 30.2 | 63.2 | 24.7 | 14.8 | 10.4 | 13.1 | 30.2 | 79.5 | 11 |
| 12 | 145 | 81.9 | 49.9 | 256 | 40.1 | 62.6 | 24.2 | 14.9 | 10.4 | 13.4 | 36.7 | 79.5 | 12 |
| 13 | 145 | 78.4 | 50.0 | 232 | 43.7 | 61.8 | 23.9 | 15.0 | 10.6 | 22.0 | 22.2 | 80.0 | 13 |
| 14 | 146 | 73.3 | 49.5 | 215 | 42.1 | 60.2 | 21.5 | 15.2 | 10.7 | 61.0 | 22.3 | 80.1 | 14 |
| 15 | 148 | 73.8 | 49.0 | 199 | 42.5 | 52.8 | 21.0 | 15.0 | 10.8 | 49.3 | 22.2 | 80.1 | 15 |
| 16 | 147 | 80.1 | 48.8 | 188 | 42.9 | 47.1 | 21.1 | 14.8 | 10.5 | 10.5 | 22.2 | 80.4 | 16 |
| 17 | 148 | 89.1 | 38.4 | 198 | 51.2 | 47.6 | 21.3 | 15.0 | 10.4 | 10.1 | 22.4 | 80.1 | 17 |
| 18 | 146 | 89.4 | 29.4 | 153 | 52.4 | 47.7 | 21.3 | 14.8 | 10.8 | 10.3 | 29.0 | 80.4 | 18 |
| 19 | 144 | 88.3 | 33.6 | 147 | 52.1 | 47.7 | 21.4 | 14.7 | 11.2 | 10.3 | 34.3 | 80.4 | 19 |
| 20 | 144 | 89.4 | 43.4 | 140 | 42.7 | 47.5 | 26.2 | 14.7 | 11.3 | 10.3 | 33.9 | 81.0 | 20 |
| 21 | 145 | 89.2 | 48.6 | 108 | 42.3 | 47.8 | 25.1 | 14.5 | 11.6 | 14.4 | 33.7 | 87.7 | 21 |
| 22 | 148 | 88.9 | 48.5 | 56.5 | 41.8 | 47.4 | 20.5 | 14.4 | 11.6 | 19.3 | 33.2 | 82.4 | 22 |
| 23 | 149 | 88.1 | 49.0 | 35.8 | 41.1 | 42.7 | 18.5 | 14.3 | 11.4 | 19.2 | 32.9 | 81.8 | 23 |
| 24 | 150 | 75.7 | 52.8 | 36.3 | 40.8 | 38.1 | 15.8 | 14.0 | 11.2 | 19.3 | 33.1 | 87.7 | 24 |
| 25 | 148 | 88.6 | 57.6 | 36.5 | 38.2 | 34.0 | 16.1 | 13.9 | 10.5 | 20.3 | 33.7 | 83.9 | 25 |
| 26 | 148 | 86.4 | 86.1 | 36.6 | 32.1 | 26.3 | 15.8 | 12.9 | 9.89 | 30.3 | 39.2 | 83.2 | 26 |
| 27 | 146 | 85.9 | 81.7 | 37.0 | 32.8 | 22.5 | 15.7 | 10.6 | 9.73 | 38.9 | 52.8 | 82.2 | 27 |
| 28 | 147 | 85.6 | 114 | 37.6 | 29.3 | 22.6 | 15.7 | 10.8 | 9.85 | 24.9 | 53.5 | 72.9 | 28 |
| 29 | 137 | | 114 | 36.7 | 26.5 | 22.6 | 15.8 | 11.0 | 10.1 | 19.1 | 84.9 | 83.8A | 29 |
| 30 | 123 | | 143 | 53.9 | 33.0 | 26.5 | 15.8 | 11.0 | 11.0 | 22.8 | 82.5 | 84.0A | 30 |
| 31 | 116 | | 178 | | 33.8 | | 15.5 | 11.3 | | 28.5 | | 84.0A | 31 |
| TOTAL | 3 899.1 | 2 380.1 | 1 990.7 | 4 880.8 | 1 377.1 | 1 321.7 | 704.5 | 439.8 | 319.17 | 577.4 | 815.7 | 2 494.6 | TOTAL |
| MEAN | 126 | 85.0 | 64.2 | 158 | 44.4 | 44.1 | 22.7 | 14.2 | 10.6 | 18.6 | 30.5 | 79.5 | MEAN |
| MAX | 151 | 114 | 178 | 274 | 65.8 | 63.2 | 36.7 | 15.5 | 11.6 | 61.0 | 82.5 | 92.4 | MAX |
| MIN | 45.8 | 85.6 | 29.4 | 35.8 | 26.5 | 22.5 | 15.5 | 10.8 | 9.65 | 10.1 | 18.6 | 83.6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.7
MAXIMUM DAILY, 274 ON APR 8
MINIMUM DAILY, 9.65 ON SEP 28
MAXIMUM INSTANTANEOUS,
278 AT 04 25 EST ON APR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 39 N
LONG 77 30 50 W
DRAINAGE AREA, 5 800 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 337 000 | JUL | 60 900 |
| FEB | 205 000 | AUG | 38 000 |
| MAR | 172 000 | SEP | 27 800 |
| APR | 404 000 | OCT | 49 800 |
| MAY | 119 000 | NOV | 70 100 |
| JUN | 114 000 | DEC | 213 000 |

TOTAL DISCHARGE, 1 820 000 dam³

## MADAWASKA RIVER AT STEWARTVILLE - STATION NO 02KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58.0 | 112 | 62.0 | 292 | 54.0 | 52.0 | 8.00 | 10.0 | 5.00 | 4.00 | 23.0 | 121 | 1 |
| 2 | 58.0 | 108 | 124 | 338 | 26.0 | 98.0 | 29.0 | 11.0 | 13.0 | 15.0 | 45.0 | 129 | 2 |
| 3 | 56.0 | 118 | 98.0 | 344 | 17.0 | 80.0 | 31.0 | 8.00 | 10.0 | 5.00 | 24.0 | 108 | 3 |
| 4 | 48.0 | 103 | 91.0 | 282 | 43.0 | 75.0 | 38.0 | 23.0 | 3.00 | 5.00 | 36.0 | 56.0 | 4 |
| 5 | 66.0 | 99.0 | 99.0 | 318 | 32.0 | 84.0 | 7.00 | 0 | 5.00 | 7.00 | 31.0 | 63.0 | 5 |
| 6 | 94.0 | 89.0 | 103 | 429 | 39.0 | 36.0 | 75.0 | 15.0 | 0 | 8.00 | 51.0 | 91.0 | 6 |
| 7 | 148 | 81.0 | 81.0 | 444 | 42.0 | 35.0 | 85.0 | 9.00 | 5.00 | 8.00 | 9.00 | 101 | 7 |
| 8 | 141 | 103 | 41.0 | 442 | 33.0 | 54.0 | 39.0 | 4.00 | 5.00 | 13.0 | 2.00 | 82.0 | 8 |
| 9 | 151 | 94.0 | 128 | 437 | 32.0 | 63.0 | 57.0 | 5.00 | 8.00 | 11.0 | 28.0 | 107 | 9 |
| 10 | 98.0 | 91.0 | 97.0 | 431 | 35.0 | 76.0 | 36.0 | 11.0 | 0 | 0 | 23.0 | 98.0 | 10 |
| 11 | 125 | 87.0 | 74.0 | 414 | 27.0 | 68.0 | 7.00 | 17.0 | 8.00 | 3.00 | 28.0 | 68.0 | 11 |
| 12 | 138 | 75.0 | 84.0 | 306 | 5.00 | 126 | 9.00 | 28.0 | 0 | 2.00 | 30.0 | 70.0 | 12 |
| 13 | 133 | 91.0 | 88.0 | 280 | 10.0 | 70.0 | 17.0 | 26.0 | 14.0 | 11.0 | 28.0 | 133 | 13 |
| 14 | 147 | 87.0 | 88.0 | 295 | 41.0 | 69.0 | 4.00 | 10.0 | 8.00 | 37.0 | 15.0 | 126 | 14 |
| 15 | 148 | 84.0 | 69.0 | 273 | 60.0 | 93.0 | 11.0 | 13.0 | 0 | 48.0 | 18.0 | 89.0 | 15 |
| 16 | 147 | 121 | 134 | 215 | 35.0 | 69.0 | 15.0 | 11.0 | 7.00 | 23.0 | 21.0 | 103 | 16 |
| 17 | 146 | 100 | 78.0 | 141 | 69.0 | 34.0 | 20.0 | 31.0 | 6.00 | 8.00 | 26.0 | 117 | 17 |
| 18 | 148 | 126 | 114 | 183 | 86.0 | 59.0 | 23.0 | 8.00 | 10.0 | 0 | 37.0 | 70.0 | 18 |
| 19 | 134 | 125 | 82.0 | 116 | 113 | 67.0 | 14.0 | 19.0 | 0 | 16.0 | 49.0 | 64.0 | 19 |
| 20 | 152 | 113 | 74.0 | 190 | 45.0 | 26.0 | 28.0 | 11.0 | 0 | 11.0 | 79.0 | 122 | 20 |
| 21 | 125 | 96.0 | 88.0 | 185 | 41.0 | 8.00 | 39.0 | 16.0 | 29.0 | 13.0 | 19.0 | 118 | 21 |
| 22 | 144 | 85.0 | 52.0 | 108 | 69.0 | 83.0 | 41.0 | 12.0 | 5.00 | 21.0 | 16.0 | 112 | 22 |
| 23 | 163 | 121 | 126 | 87.0 | 41.0 | 87.0 | 40.0 | 6.00 | 8.00 | 19.0 | 44.0 | 106 | 23 |
| 24 | 123 | 120 | 142 | 38.0 | 53.0 | 104 | 14.0 | 8.00 | 10.0 | 20.0 | 35.0 | 72.0 | 24 |
| 25 | 137 | 105 | 150 | 15.0 | 70.0 | 33.0 | 12.0 | 6.00 | 7.00 | 18.0 | 49.0 | 89.0 | 25 |
| 26 | 142 | 87.0 | 173 | 36.0 | 41.0 | 32.0 | 0 | 9.00 | 0 | 29.0 | 83.0 | 88.0 | 26 |
| 27 | 126 | 103 | 195 | 31.0 | 48.0 | 23.0 | 18.0 | 5.00 | 17.0 | 38.0 | 99.0 | 102 | 27 |
| 28 | 140 | 62.0 | 172 | 43.0 | 44.0 | 8.00 | 35.0 | 8.00 | 5.00 | 26.0 | 33.0 | 113 | 28 |
| 29 | 134 | | 215 | 35.0 | 51.0 | 11.0 | 26.0 | 7.00 | 10.0 | 32.0 | 9.00 | 95.0 | 29 |
| 30 | 145 | | 264 | 83.0 | 30.0 | 61.0 | 22.0 | 4.00 | 0 | 23.0 | 59.0 | 137 | 30 |
| 31 | 100 | | 270 | | 33.0 | | 9.00 | 10.0 | | 13.0 | | 50.0 | 31 |
| TOTAL | 3 812.0 | 2 756.0 | 3 558.0 | 6 712.0 | 1 335.00 | 1 747.00 | 784.00 | 358.00 | 202.00 | 491.00 | 1 048.00 | 3 007.0 | TOTAL |
| MEAN | 123 | 98.4 | 115 | 224 | 43.1 | 58.2 | 25.3 | 11.5 | 6.73 | 15.8 | 34.9 | 97.0 | MEAN |
| MAX | 163 | 136 | 270 | 444 | 113 | 126 | 75.0 | 31.0 | 29.0 | 48.0 | 99.0 | 137 | MAX |
| MIN | 48.0 | 62.0 | 41.0 | 15.0 | 5.00 | 8.00 | 0 | 0 | 0 | 0 | 2.00 | 50.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.7
MAXIMUM DAILY, 444 ON APR 7
MINIMUM DAILY, 0 ON JUL 26

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 24 25 N
LONG 78 30 28 W
DRAINAGE AREA, 8 150 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 329 000 | JUL | 87 700 |
| FEB | 238 000 | AUG | 30 900 |
| MAR | 307 000 | SEP | 17 500 |
| APR | 580 000 | OCT | 42 400 |
| MAY | 115 000 | NOV | 90 500 |
| JUN | 151 000 | DEC | 280 000 |

TOTAL DISCHARGE, 2 230 000 dam³

## MAGNETAWAN RIVER NEAR BRITT - STATION NO 02EA011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30.5E | 20.1 | 16.5 | 147 | 38.0 | 20.2 | 10.8 | 3.72 | 2.88 | 3.57 | 27.3 | 35.0E | 1 |
| 2 | 30.1E | 20.1 | 17.1 | 161 | 37.2 | 20.6 | 9.78 | 3.61 | 3.84 | 4.29 | 28.9 | 37.0E | 2 |
| 3 | 28.5E | 19.9 | 17.2 | 169 | 35.8 | 21.0 | 9.16 | 3.68 | 3.82 | 4.30 | 30.3 | 41.5E | 3 |
| 4 | 26.8E | 19.7 | 17.3 | 170 | 34.3 | 21.8 | 8.57 | 3.81 | 3.35 | 4.11 | 31.8 | 47.0E | 4 |
| 5 | 25.6E | 19.5 | 17.3 | 167 | 32.5 | 22.5 | 8.41 | 3.74 | 3.17 | 4.03 | 32.9 | 50.0E | 5 |
| 6 | 24.3E | 19.4 | 17.4 | 164 | 30.1 | 22.8 | 8.47 | 3.60 | 3.20 | 4.43 | 33.3 | 50.0E | 6 |
| 7 | 23.8E | 19.4 | 17.5 | 161 | 27.5 | 23.7 | 8.61 | 3.60 | 3.26 | 4.64 | 33.2 | 48.0E | 7 |
| 8 | 23.1E | 19.7 | 15.2 | 156 | 24.9 | 24.9 | 8.56 | 3.56 | 3.39 | 4.69 | 33.3 | 45.5E | 8 |
| 9 | 22.6E | 19.9 | 19.5 | 149 | 22.2 | 24.7 | 8.37 | 3.50 | 3.46 | 4.64 | 33.1 | 43.0E | 9 |
| 10 | 22.5E | 20.0 | 20.5 | 145 | 20.2 | 23.9 | 7.99 | 3.43 | 3.45 | 4.42 | 33.0 | 43.5E | 10 |
| 11 | 22.1E | 19.9 | 21.3 | 143 | 18.2 | 23.2 | 7.62 | 3.39 | 3.51 | 4.23 | 32.2 | 46.0E | 11 |
| 12 | 21.8A | 19.9 | 22.1 | 141 | 16.8 | 22.7 | 7.23 | 3.32 | 3.64 | 4.13 | 31.1 | 48.0E | 12 |
| 13 | 21.2 | 19.5 | 22.8 | 138 | 15.8 | 22.5 | 6.92 | 3.29 | 3.59 | 4.01 | 29.3 | 53.0E | 13 |
| 14 | 20.7 | 19.2 | 23.2 | 134 | 14.9 | 22.9 | 6.48 | 3.31 | 3.44 | 3.97 | 27.8 | 62.0E | 14 |
| 15 | 20.4 | 19.5E | 23.6 | 129 | 14.9 | 24.2 | 6.08 | 3.77 | 3.43 | 4.00 | 25.9 | 67.5E | 15 |
| 16 | 19.9 | 19.5E | 23.6 | 122 | 15.6 | 25.2 | 5.72 | 3.95 | 3.37 | 4.15 | 24.7 | 70.0E | 16 |
| 17 | 19.7 | 19.5E | 23.6 | 114 | 17.7 | 25.7 | 5.39 | 3.89 | 3.38 | 4.24 | 23.8A | 69.5E | 17 |
| 18 | 19.6 | 19.4E | 23.6 | 105 | 19.3 | 25.1 | 5.19 | 3.69 | 3.38 | 4.43 | 24.7E | 67.0E | 18 |
| 19 | 19.5 | 19.0E | 23.3 | 96.7 | 19.4 | 24.1 | 5.04 | 3.65 | 3.35 | 4.52 | 25.6E | 63.5E | 19 |
| 20 | 19.7 | 18.8E | 23.4 | 87.1 | 18.7 | 22.0 | 4.92 | 3.57 | 3.34 | 4.64 | 26.8E | 59.0E | 20 |
| 21 | 19.9 | 18.4E | 23.3 | 77.9 | 18.2 | 19.8 | 4.75 | 3.50 | 3.47 | 4.79 | 28.2E | 55.0E | 21 |
| 22 | 20.3 | 18.0E | 23.5 | 70.7 | 18.0 | 17.7 | 4.69 | 3.62 | 3.82 | 4.98 | 29.1E | 52.5E | 22 |
| 23 | 20.4 | 17.6E | 24.3 | 66.7 | 17.4 | 16.3 | 4.55 | 3.59 | 3.78 | 5.11 | 28.7E | 50.5E | 23 |
| 24 | 20.4B | 17.2E | 26.5 | 62.4 | 16.9 | 15.3 | 4.50 | 3.53 | 3.67 | 5.65 | 28.6E | 49.0E | 24 |
| 25 | 20.5 | 16.8A | 30.6 | 56.9 | 16.2 | 14.6 | 4.40 | 3.56 | 3.56 | 7.77 | 29.2E | 47.0E | 25 |
| 26 | 20.2 | 16.6 | 37.3 | 52.1 | 16.2 | 14.2 | 4.28 | 3.67 | 3.47 | 9.77 | 30.3E | 45.3E | 26 |
| 27 | 20.2 | 16.4 | 46.8 | 48.9 | 16.6 | 13.9 | 4.15 | 3.78 | 3.48 | 13.0 | 31.3E | 43.5E | 27 |
| 28 | 20.2 | 16.4 | 62.9 | 46.7 | 17.1 | 13.1 | 4.04 | 3.84 | 3.47 | 16.7 | 32.7E | 41.5E | 28 |
| 29 | 20.2 | | 83.7 | 44.2 | 17.5 | 12.4 | 3.98 | 3.82 | 3.47 | 19.6 | 34.0E | 39.5E | 29 |
| 30 | 20.1 | | 109 | 41.4 | 18.0 | 11.7 | 3.91 | 3.86 | 3.48 | 22.3 | 34.4E | 37.0E | 30 |
| 31 | 20.1 | | 131 | | 19.4 | | 3.82 | 3.98 | | 25.1 | | 35.0E | 31 |
| TOTAL | 684.5 | 529.3 | 1 007.9 | 3 365.7 | 686.3 | 612.6 | 186.40 | 112.83 | 104.81 | 220.22 | 895.1 | 1 541.8 | TOTAL |
| MEAN | 22.1 | 18.9 | 32.5 | 112 | 21.5 | 20.4 | 6.34 | 3.64 | 3.49 | 7.10 | 29.8 | 49.7 | MEAN |
| MAX | 30.5 | 20.1 | 131 | 170 | 39.0 | 25.7 | 10.8 | 3.98 | 3.88 | 25.1 | 34.4 | 70.0 | MAX |
| MIN | 19.5 | 16.4 | 16.5 | 41.4 | 14.9 | 11.7 | 3.82 | 3.29 | 3.17 | 3.57 | 23.8 | 35.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.2
MAXIMUM DAILY, 170 ON APR 4
MINIMUM DAILY, 3.17 ON SEP 5
MAXIMUM INSTANTANEOUS,
171 AT 00:11 EST ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 46 20 N
LONG 80 28 45 W
DRAINAGE AREA, 2 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 59 100 | JUL | 17 000 |
| FEB | 45 700 | AUG | 9 750 |
| MAR | 87 100 | SEP | 9 060 |
| APR | 291 000 | OCT | 19 000 |
| MAY | 57 600 | NOV | 77 300 |
| JUN | 52 900 | DEC | 133 000 |

TOTAL DISCHARGE, 859 000 dam³

## MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO 02EA006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.61 | 4.60B | 3.95B | 29.8 | 2.97 | 5.98 | 2.15 | 1.24 | 1.61 | 1.43 | 7.71 | 7.94 | 1 |
| 2 | 5.46 | 4.78B | 3.98B | 31.8 | 3.28 | 6.19 | 2.15 | 1.22 | 1.56 | 1.51 | 7.73 | 8.27 | 2 |
| 3 | 5.20 | 4.76B | 3.97B | 32.9 | 3.61 | 6.44 | 1.69 | 1.24 | 1.55 | 1.51 | 7.79 | 8.54 | 3 |
| 4 | 5.14 | 4.74B | 5.60B | 33.4 | 3.93 | 6.36 | 1.27 | 1.22 | 1.54 | 1.64 | 8.65 | 9.75 | 4 |
| 5 | 5.05 | 4.72B | 9.81 | 33.7 | 4.28 | 6.13 | 1.27 | 1.20 | 1.55 | 1.77 | 9.62 | 11.7 | 5 |
| 6 | 5.93B | 4.69B | 8.80 | 34.4 | 4.55 | 6.05 | 1.25 | 1.18 | 1.54 | 1.93 | 9.45 | 11.2 | 6 |
| 7 | 5.80B | 4.68B | 8.00B | 34.8 | 5.40 | 6.10 | 1.30 | 1.18 | 1.53 | 2.05 | 9.11 | 10.7 | 7 |
| 8 | 5.75B | 4.78B | 7.80B | 35.2 | 6.23 | 7.21 | 1.33 | 1.18 | 1.51 | 2.22 | 8.66 | 10.3 | 8 |
| 9 | 5.70B | 4.80B | 7.30B | 35.9 | 6.35 | 7.85 | 1.33 | 1.14 | 1.51 | 2.46 | 8.37 | 10.4 | 9 |
| 10 | 5.65B | 4.80B | 6.80B | 36.2 | 5.94 | 7.55 | 1.35 | 1.13 | 1.51 | 2.42 | 8.01 | 11.1 | 10 |
| 11 | 5.60B | 4.80B | 6.40B | 36.3 | 6.75 | 7.25 | 1.36 | 1.11 | 1.47 | 2.51 | 7.74 | 11.2 | 11 |
| 12 | 5.50B | 4.79B | 6.00B | 36.1 | 6.82 | 6.16 | 1.35 | 1.10 | 1.52 | 2.61 | 7.46 | 11.6 | 12 |
| 13 | 5.40B | 4.78B | 5.70B | 35.8 | 6.80 | 4.23 | 1.37 | 1.08 | 1.51 | 4.17 | 6.46 | 11.9 | 13 |
| 14 | 5.35B | 4.77B | 5.45B | 35.2 | 6.55 | 4.46 | 1.41 | 1.08 | 1.46 | 5.32 | 5.54 | 12.4 | 14 |
| 15 | 5.30B | 4.76B | 5.20B | 34.5 | 6.28 | 5.04 | 1.41 | 1.55 | 1.42 | 4.92 | 5.44 | 12.8 | 15 |
| 16 | 5.25B | 4.74B | 4.95B | 33.5 | 6.37 | 5.45 | 1.40 | 1.64 | 1.38 | 4.78 | 5.41 | 13.3 | 16 |
| 17 | 5.20B | 4.70B | 4.75B | 32.2 | 6.21 | 5.28 | 1.39 | 1.72 | 1.34 | 4.69 | 5.61 | 15.6 | 17 |
| 18 | 5.20B | 4.68B | 4.63B | 30.7 | 6.06 | 5.14 | 1.43 | 1.72 | 1.27 | 4.63 | 5.87 | 17.2 | 18 |
| 19 | 5.15B | 4.65B | 4.60B | 29.4 | 5.99 | 4.87 | 1.42 | 1.75 | 1.28 | 4.36 | 6.03 | 16.5 | 19 |
| 20 | 5.14B | 4.60B | 4.60B | 27.9 | 5.85 | 4.61 | 1.48 | 1.72 | 1.33 | 4.17 | 5.87 | 15.8 | 20 |
| 21 | 5.13B | 4.50B | 4.63B | 26.0 | 5.68 | 4.45 | 1.51 | 1.74 | 1.45 | 4.17 | 6.04 | 15.5 | 21 |
| 22 | 5.09B | 4.40B | 4.90B | 21.9 | 5.51 | 4.20 | 1.49 | 1.73 | 1.46 | 4.06 | 6.08 | 14.7 | 22 |
| 23 | 5.07B | 4.30B | 5.00B | 19.6 | 5.42 | 4.02 | 1.47 | 1.73 | 1.47 | 3.97 | 6.14 | 14.3 | 23 |
| 24 | 5.02B | 4.21B | 7.40B | 18.3 | 5.38 | 3.94 | 1.49 | 1.69 | 1.41 | 4.08 | 6.39 | 13.8 | 24 |
| 25 | 5.00B | 4.04B | 8.90B | 17.6 | 5.33 | 3.15 | 1.47 | 1.64 | 1.40 | 4.46 | 6.48 | 13.5 | 25 |
| 26 | 4.97B | 4.00B | 12.7 | 16.8 | 5.26 | 2.38 | 1.44 | 1.57 | 1.38 | 4.55 | 6.63 | 13.0 | 26 |
| 27 | 4.95B | 3.94B | 15.0 | 15.9 | 5.57 | 2.27 | 1.39 | 1.46 | 1.35 | 5.75 | 6.72 | 12.6 | 27 |
| 28 | 4.90B | 3.90B | 17.1 | 15.4 | 5.63 | 2.30 | 1.31 | 1.44 | 1.35 | 7.43 | 6.73 | 12.0 | 28 |
| 29 | 4.88B | | 19.9 | 7.78 | 5.65 | 2.19 | 1.33 | 1.46 | 1.38 | 7.55 | 6.97 | 11.4 B | 29 |
| 30 | 4.85B | | 24.5 | 2.54 | 5.66 | 2.23 | 1.26 | 1.50 | 1.39 | 7.68 | 7.60 | 10.8 B | 30 |
| 31 | 4.81B | | 27.4 | | 5.76 | | 1.24 | 1.88 | | 7.85 | | 10.6 | 31 |
| TOTAL | 156.05 | 126.15 | 266.93 | 831.50 | 171.10 | 149.55 | 44.55 | 44.04 | 43.42 | 122.44 | 211.90 | 380.40 | TOTAL |
| MEAN | 5.42 | 4.58 | 8.80 | 27.7 | 5.52 | 4.95 | 1.44 | 1.42 | 1.45 | 3.95 | 7.06 | 12.3 | MEAN |
| MAX | 6.61 | 4.80 | 27.4 | 36.3 | 6.82 | 7.85 | 2.15 | 1.75 | 1.61 | 7.68 | 9.62 | 17.2 | MAX |
| MIN | 4.81 | 3.90 | 3.95 | 2.54 | 2.97 | 2.19 | 1.24 | 1.08 | 1.27 | 1.43 | 5.41 | 7.94 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.62
MAXIMUM DAILY, 36.3 ON APR 11
MINIMUM DAILY, 1.08 ON AUG 13
MAXIMUM INSTANTANEOUS
36.4 AT 17:04 EST ON APR 11

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 37 03 N
LONG 79 23 17 W
DRAINAGE AREA, 850 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 14 500 | JUL | 3 850 |
| FEB | 11 100 | AUG | 3 810 |
| MAR | 23 000 | SEP | 3 750 |
| APR | 71 800 | OCT | 10 600 |
| MAY | 14 800 | NOV | 18 300 |
| JUN | 12 900 | DEC | 32 900 |

TOTAL DISCHARGE, 221 000 dam³

## MAGPIE RIVER NEAR MICHIPICOTEN - STATION NO. 02BD003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.1 B | 9.25B | 8.10B | 12.4B | 32.9 | 15.2 | 6.74 | 10.2 | 7.97 | 6.64 | 9.19 | 28.2 | 1 |
| 2 | 11.9 B | 9.20B | 8.08B | 13.1B | 33.2 | 15.3 | 6.58 | 10.5 | 7.85 | 8.37 | 9.40 | 27.8 | 2 |
| 3 | 11.6 B | 9.15B | 8.05B | 13.8B | 30.5 | 16.0 | 6.28 | 10.2 | 7.32 | 7.96 | 9.77 | 26.7 | 3 |
| 4 | 11.7 B | 9.05B | 8.03B | 14.8B | 27.9 | 16.2 | 6.17 | 9.79 | 7.19 | 7.72 | 10.8 | 27.5 | 4 |
| 5 | 11.6 B | 9.00B | 8.00B | 15.7B | 25.9 | 16.6 | 5.93 | 9.72 | 7.16 | 8.00 | 11.5 | 26.2 | 5 |
| 6 | 11.4 B | 8.95B | 8.00B | 17.0 | 24.4 | 16.9 | 5.75 | 10.5 | 7.32 | 8.44 | 11.5 | 27.5 | 6 |
| 7 | 11.3 B | 8.90B | 7.98B | 18.4 | 22.4 | 16.6 | 5.63 | 11.3 | 7.24 | 8.24 | 12.6 | 28.6 | 7 |
| 8 | 11.2 B | 8.85B | 7.98B | 19.5 | 21.2 | 16.1 | 5.35 | 11.7 | 6.75 | 7.77 | 14.1 | 30.2 | 8 |
| 9 | 11.1 B | 8.80B | 7.95B | 21.6 | 20.6 | 15.2 | 5.32 | 11.4 | 6.45 | 8.00 | 17.3 | 28.2 | 9 |
| 10 | 11.0 B | 8.75B | 7.85B | 28.1 | 19.9 | 14.3 | 5.13 | 11.0 | 6.48 | 8.05E | 17.1 | 26.1 | 10 |
| 11 | 10.9 B | 8.70B | 7.95B | 30.4 | 18.6 | 14.2 | 5.51 | 10.6 | 6.58 | 8.10E | 16.8 | 27.6 | 11 |
| 12 | 10.8 B | 8.65B | 7.93B | 38.2 | 17.9 | 14.2 | 7.08 | 10.2 | 7.29 | 8.08E | 16.3 | 28.0 | 12 |
| 13 | 10.7 B | 8.65B | 7.90B | 44.4 | 16.8 | 14.0 | 7.84 | 10.2 | 8.18 | 8.00E | 14.9 | 27.4 | 13 |
| 14 | 10.6 B | 8.60B | 7.88B | 48.2 | 16.4 | 13.4 | 7.69 | 9.76 | 8.26 | 7.85A | 12.8 | 27.2 | 14 |
| 15 | 10.5 B | 8.55B | 7.85B | 50.8 | 16.0 | 13.1 | 7.64 | 9.55 | 8.19 | 7.77 | 11.3 | 26.8 | 15 |
| 16 | 10.4 B | 8.50B | 7.90B | 52.5 | 14.9 | 13.1 | 7.43 | 9.29 | 8.53 | 8.07 | 10.5 | 25.3 | 16 |
| 17 | 10.3 B | 8.45B | 7.95B | 53.9 | 14.7 | 13.0 | 7.72 | 9.01 | 8.33 | 8.44 | 18.8 | 22.0 | 17 |
| 18 | 10.2 B | 8.45B | 8.00B | 55.4 | 14.5 | 12.3 | 8.64 | 8.81 | 7.94 | 8.64 | 38.9 | 21.5B | 18 |
| 19 | 10.2 B | 8.40B | 8.05B | 56.5 | 13.7 | 11.7 | 9.76 | 8.75 | 7.95 | 8.52 | 47.1 | 20.9B | 19 |
| 20 | 10.1 B | 8.40B | 8.20B | 58.8 | 13.2 | 11.0 | 10.8 | 8.65 | 8.08 | 8.87 | 44.3 | 20.2B | 20 |
| 21 | 10.0 B | 8.35B | 8.35B | 58.8 | 13.5 | 10.4 | 11.9 | 8.80 | 8.23 | 8.65 | 41.0 | 19.7B | 21 |
| 22 | 9.90B | 8.30B | 8.50B | 55.0 | 15.4 | 9.97 | 12.4 | 9.85 | 7.97 | 8.60 | 39.6 | 19.1B | 22 |
| 23 | 9.85B | 8.30B | 8.75B | 53.8 | 15.7 | 9.50 | 13.0 | 9.41 | 7.78 | 8.30 | 36.0 | 18.5B | 23 |
| 24 | 9.80B | 8.25B | 9.00B | 51.2 | 15.7 | 8.95 | 12.8 | 8.53 | 7.55 | 8.24 | 36.2 | 18.0B | 24 |
| 25 | 9.70B | 8.20B | 9.25B | 48.8 | 15.9 | 8.57 | 12.6 | 8.26 | 7.38 | 8.10 | 32.9 | 17.5B | 25 |
| 26 | 9.65B | 8.20B | 9.55B | 44.9 | 16.2 | 8.41 | 12.3 | 8.29 | 7.00 | 8.08 | 32.6 | 17.1B | 26 |
| 27 | 9.55B | 8.15B | 9.90B | 40.7 | 16.1 | 8.08 | 12.2 | 8.34 | 6.84 | 8.81 | 32.1 | 16.7B | 27 |
| 28 | 9.50B | 8.10B | 10.3 B | 37.9 | 15.7 | 7.88 | 11.9 | 8.20 | 6.88 | 9.21 | 30.2 | 16.2B | 28 |
| 29 | 9.45B | | 10.7 B | 36.2 | 15.4 | 7.26 | 11.4 | 8.05 | 6.85 | 9.19 | 29.4 | 15.8B | 29 |
| 30 | 9.35B | | 11.3 B | 34.6 | 15.5 | 6.99 | 11.3 | 8.34 | 6.37 | 9.01 | 28.2 | 15.4B | 30 |
| 31 | 9.30B | | 11.7 B | | 15.2 | | 10.6 | 8.46 | | 9.09 | | 15.2B | 31 |
| TOTAL | 325.85 | 241.10 | 267.03 | 1 118.2 | 586.1 | 374.23 | 273.82 | 295.47 | 223.35 | 255.70 | 599.18 | 719.3 | TOTAL |
| MEAN | 10.5 | 8.61 | 8.61 | 37.3 | 18.9 | 12.5 | 8.83 | 9.53 | 7.44 | 8.28 | 23.3 | 23.1 | MEAN |
| MAX | 12.1 | 9.25 | 11.7 | 58.8 | 33.2 | 16.9 | 13.0 | 11.7 | 8.53 | 9.21 | 47.1 | 30.2 | MAX |
| MIN | 9.30 | 8.10 | 7.85 | 12.4 | 13.3 | 8.88 | 5.32 | 8.05 | 6.37 | 6.64 | 9.19 | 15.2 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 14.7
MAXIMUM DAILY, 58.8 ON APR 20
MINIMUM DAILY, 5.32 ON JUL 9
MAXIMUM INSTANTANEOUS,
57.7 AT 04:48 EST ON APR 21

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 56 20 N
LONG 84 48 50 W
DRAINAGE AREA - 1 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 28 200 | JUL | 23 600 |
| FEB | 20 800 | AUG | 25 500 |
| MAR | 23 100 | SEP | 19 300 |
| APR | 96 600 | OCT | 22 200 |
| MAY | 50 600 | NOV | 60 400 |
| JUN | 32 300 | DEC | 62 000 |

TOTAL DISCHARGE, 485 000 dam³

## MAITLAND RIVER ABOVE WINGHAM - STATION NO. 02FE005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.15 | 3.38B | 4.00B | 22.9 | 3.46 | 1.33 | 1.27 | 0.909 | 0.886 | 1.02 | 3.86 | 29.5 | 1 |
| 2 | 5.02 | 3.40B | 5.00B | 19.0 | 3.22 | 1.30 | 1.14 | 1.41 | 1.00 | 0.989 | 3.24 | 20.1 | 2 |
| 3 | 5.18B | 3.40B | 7.00B | 17.3 | 2.83 | 1.70 | 1.08 | 2.12 | 0.936 | 1.01 | 3.27 | 14.4 | 3 |
| 4 | 4.10B | 3.36B | 8.00B | 16.2 | 2.63 | 2.12 | 1.16 | 1.70 | 0.898 | 0.961 | 4.28 | 11.4 | 4 |
| 5 | 4.60B | 3.36B | 8.30B | 21.3 | 2.53 | 2.14 | 1.19 | 1.38 | 0.864 | 0.958 | 4.31 | 9.40 | 5 |
| 6 | 4.80B | 3.34B | 8.60B | 42.1 | 2.44 | 1.89 | 1.38 | 1.19 | 0.845 | 0.927 | 4.17 | 7.91 | 6 |
| 7 | 4.55B | 3.31B | 9.00B | 30.0 | 2.32 | 1.99 | 4.73 | 1.16 | 0.813 | 0.987 | 4.12 | 8.77 | 7 |
| 8 | 4.38B | 3.26B | 18.1B | 18.6 | 2.04 | 1.66 | 5.52 | 1.08 | 0.787 | 1.15 | 8.26 | 8.12 | 8 |
| 9 | 4.13B | 3.23B | 26.5B | 13.6 | 1.30 | 1.57 | 5.06 | 2.32 | 0.772 | 1.19 | 6.71 | 7.71 | 9 |
| 10 | 4.08B | 3.13B | 23.8B | 11.4 | 1.81 | 1.47 | 3.42 | 5.12 | 0.742 | 1.27 | 23.5 | 12.3 | 10 |
| 11 | 4.08B | 3.08B | 17.3B | 9.84 | 2.12 | 1.34 | 2.37 | 4.12 | 0.880 | 1.30 | 13.6 | 12.0 | 11 |
| 12 | 4.18B | 3.01B | 13.4B | 8.89 | 1.36 | 1.34 | 1.82 | 2.71 | 0.863 | 1.07 | 9.13 | 10.5 | 12 |
| 13 | 3.92B | 2.97B | 10.2B | 9.09 | 1.53 | 1.30 | 1.67 | 2.04 | 0.885 | 1.06 | 7.03 | 10.1 | 13 |
| 14 | 4.01B | 2.91B | 8.29B | 8.28 | 1.77 | 1.20 | 1.70 | 1.91 | 0.958 | 1.01 | 5.81 | 9.07 | 14 |
| 15 | 4.40B | 2.88B | 7.76B | 7.73 | 2.21 | 1.16 | 1.88 | 2.04 | 0.851 | 0.981 | 4.97 | 8.48B | 15 |
| 16 | 5.40B | 2.80B | 7.41B | 7.23 | 2.19 | 0.988 | 1.86 | 1.88 | 0.809 | 0.821 | 4.43 | 7.97B | 16 |
| 17 | 5.04B | 2.73B | 6.94B | 6.43 | 0.937 | 0.801 | 1.46 | 1.50 | 0.885 | 0.976 | 4.10 | 6.81B | 17 |
| 18 | 4.73B | 2.67B | 7.62B | 5.67 | 0.926 | 0.859 | 1.28 | 1.34 | 1.06 | 1.01 | 4.49 | 5.67B | 18 |
| 19 | 4.42B | 2.64B | 10.6 | 5.35 | 1.57 | 0.862 | 1.16 | 1.27 | 1.24 | 1.13 | 5.50 | 5.59B | 19 |
| 20 | 4.20B | 2.61B | 16.2 | 4.86 | 1.87 | 0.834 | 1.83 | 1.16 | 1.73 | 1.15 | 5.07 | 9.12 | 20 |
| 21 | 3.91B | 2.59B | 22.5 | 4.57 | 1.96 | 0.812 | 2.38 | 1.13 | 1.82 | 1.22 | 4.88B | 22.5 | 21 |
| 22 | 3.77B | 2.58B | 31.4 | 4.37 | 1.86 | 2.02 | 3.10 | 1.06 | 1.65 | 1.37 | 4.71B | 20.7 | 22 |
| 23 | 3.61B | 2.56B | 40.1 | 4.16 | 1.87 | 6.58 | 2.27 | 0.988 | 1.37 | 1.73 | 4.92 | 15.4 | 23 |
| 24 | 3.47B | 2.53B | 46.9 | 4.13 | 1.78 | 5.53 | 1.82 | 0.940 | 1.24 | 2.25 | 5.53 | 12.1 | 24 |
| 25 | 3.39B | 2.51B | 42.9 | 3.91 | 1.71 | 3.14 | 2.32 | 0.897 | 1.14 | 4.03 | 9.61 | 21.6 | 25 |
| 26 | 3.30B | 2.59B | 44.2 | 3.81 | 1.69 | 2.30 | 2.53 | 0.848 | 1.02 | 9.21 | 22.6 | 38.2 | 26 |
| 27 | 3.29B | 2.62B | 36.3 | 3.45 | 1.70 | 1.90 | 1.89 | 0.832 | 0.972 | 8.19 | 22.9 | 24.7 | 27 |
| 28 | 3.28B | 2.72B | 23.2 | 3.76 | 1.69 | 1.68 | 1.45 | 0.829 | 0.908 | 8.75 | 16.6 | 15.3 | 28 |
| 29 | 3.30B | | 17.9 | 4.04 | 1.58 | 1.56 | 1.24 | 0.791 | 0.918 | 8.42 | 22.3 | 9.83B | 29 |
| 30 | 3.32B | | 20.8 | 3.83 | 1.44 | 1.38 | 1.09 | 0.865 | 0.952 | 7.45 | 37.4 | 7.45B | 30 |
| 31 | 3.38B | | 32.0 | | 1.38 | | 1.04 | 0.804 | | 5.26 | | 5.90B | 31 |
| TOTAL | 130.34 | 82.21 | 581.32 | 325.44 | 59.952 | 54.806 | 63.45 | 48.286 | 30.886 | 78.900 | 303.15 | 405.58 | TOTAL |
| MEAN | 4.20 | 2.94 | 18.8 | 10.8 | 1.93 | 1.82 | 2.05 | 1.56 | 1.03 | 2.55 | 10.1 | 13.1 | MEAN |
| MAX | 6.15 | 3.40 | 46.9 | 42.1 | 3.46 | 6.58 | 5.52 | 5.12 | 1.82 | 9.21 | 37.4 | 38.2 | MAX |
| MIN | 3.28 | 2.51 | 4.00 | 3.45 | 0.926 | 0.812 | 1.04 | 0.791 | 0.742 | 0.921 | 3.24 | 5.59 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 5.93
MAXIMUM DAILY, 46.9 ON MAR 24
MINIMUM DAILY, 0.742 ON SEP 10
MAXIMUM INSTANTANEOUS,
49.8 AT 15:07 EST ON MAR 24

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 57 N
LONG 81 15 50 W
DRAINAGE AREA 528 km²

B ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11 300 | JUL | 5 480 |
| FEB | 7 100 | AUG | 4 170 |
| MAR | 50 200 | SEP | 2 670 |
| APR | 28 100 | OCT | 6 820 |
| MAY | 5 180 | NOV | 28 200 |
| JUN | 4 720 | DEC | 35 000 |

TOTAL DISCHARGE, 187 000 dam³

## MAITLAND RIVER BELOW WINGHAM - STATION NO. 02FE002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19.8 | 9.408 | 8.488 | 78.5 | 8.88 | 3.46 | 3.42 | 2.67 | 2.57 | 2.58 | 15.9 | 83.7 | 1 |
| 2 | 18.9 | 9.308 | 16.1 B | 80.6 | 8.13 | 3.37 | 3.12 | 6.99 | 2.63 | 2.73 | 14.7 | 51.1 | 2 |
| 3 | 17.2 B | 9.208 | 28.3 B | 53.8 | 7.36 | 3.97 | 2.86 | 28.6 | 2.57 | 2.74 | 12.4 | 42.0 | 3 |
| 4 | 14.0 B | 9.108 | 31.2 B | 50.6 | 6.83 | 4.57 | 2.81 | 26.9 | 2.51 | 2.62 | 13.4 | 33.7 | 4 |
| 5 | 14.2 B | 9.008 | 30.2 B | 70.6 | 6.46 | 4.65 | 2.84 | 12.6 | 2.51 | 2.57 | 13.4 | 28.4 | 5 |
| 6 | 14.5 B | 8.908 | 28.9 B | 140 | 6.07 | 4.18 | 2.89 | 8.25 | 2.47 | 2.51 | 12.3 | 24.6 | 6 |
| 7 | 15.5 B | 8.808 | 32.0 B | 109 | 5.90 | 3.94 | 37.0 | 6.13 | 2.38 | 2.67 | 11.2 | 21.4 | 7 |
| 8 | 14.3 B | 8.708 | 62.0 B | 81.3 | 5.47 | 3.79 | 66.1 | 5.07 | 2.29 | 2.93 | 16.4 | 19.7 | 8 |
| 9 | 13.2 B | 8.608 | 114 | 42.2 | 4.84 | 3.65 | 59.1 | 9.35 | 2.25 | 2.96 | 45.7 | 24.5 | 9 |
| 10 | 13.0 B | 8.408 | 116 | 33.0 | 4.08 | 3.47 | 56.2 | 22.2 | 2.20 | 3.03 | 54.8 | 43.5 | 10 |
| 11 | 12.4 B | 8.208 | 91.9 | 26.9 | 5.08 | 3.26 | 25.5 | 20.4 | 2.42 | 2.99 | 33.4 | 40.8 | 11 |
| 12 | 13.3 B | 8.008 | 62.9 | 26.3 | 4.33 | 3.26 | 13.6 | 12.2 | 2.40 | 2.84 | 23.5 | 33.7 | 12 |
| 13 | 12.7 B | 7.808 | 43.7 | 28.0 | 3.32 | 3.25 | 9.07 | 8.45 | 2.30 | 4.21 | 16.9 | 33.3 | 13 |
| 14 | 12.3 B | 7.608 | 35.6 | 27.6 | 3.46 | 3.13 | 7.33 | 6.78 | 2.81 | 3.09 | 15.9 | 31.4 | 14 |
| 15 | 13.8 B | 7.408 | 30.5 | 24.9 | 5.43 | 2.96 | 6.96 | 5.40 | 2.52 | 2.44 | 13.5 | 29.48 | 15 |
| 16 | 15.0 B | 7.378 | 27.5 | 23.1 | 6.84 | 2.73 | 7.82 | 5.28 | 2.40 | 2.35 | 12.1 | 30.58 | 16 |
| 17 | 17.0 B | 7.328 | 27.6 | 20.8 | 5.97 | 2.51 | 6.20 | 4.85 | 2.36 | 2.48 | 11.3 | 28.58 | 17 |
| 18 | 16.0 B | 7.118 | 30.1 | 18.9 | 4.58 | 2.44 | 5.02 | 5.17 | 2.47 | 3.61 | 12.1 | 24.18 | 18 |
| 19 | 14.9 B | 7.028 | 41.4 | 17.0 | 4.85 | 3.33 | 4.51 | 4.15 | 2.58 | 2.63 | 13.8 | 23.1 | 19 |
| 20 | 13.8 B | 6.988 | 87.4 | 15.3 | 5.24 | 2.26 | 6.03 | 4.08 | 3.17 | 2.95 | 14.8 | 34.0 | 20 |
| 21 | 12.4 B | 6.908 | 94.2 | 13.9 | 5.16 | 2.18 | 21.7 | 3.41 | 3.72 | 3.12 | 13.58 | 104 | 21 |
| 22 | 11.3 B | 6.848 | 122 | 12.9 | 5.10 | 4.57 | 13.1 | 3.26 | 3.86 | 3.55 | 12.18 | 103 | 22 |
| 23 | 10.2 B | 6.928 | 144 | 12.2 | 4.75 | 14.1 | 8.27 | 3.07 | 3.62 | 4.79 | 13.88 | 81.1 | 23 |
| 24 | 9.708 | 8.968 | 155 | 11.4 | 4.48 | 18.6 | 6.78 | 2.92 | 3.22 | 6.81 | 20.3 | 42.0 | 24 |
| 25 | 9.558 | 7.038 | 142 | 9.47 | 4.28 | 10.7 | 6.84 | 2.77 | 2.93 | 14.4 | 29.8 | 74.6 | 25 |
| 26 | 9.508 | 7.188 | 124 | 9.72 | 4.20 | 7.04 | 5.98 | 3.89 | 2.88 | 22.6 | 111 | 134 | 26 |
| 27 | 9.518 | 7.308 | 102 | 8.36 | 4.19 | 5.80 | 4.80 | 2.63 | 2.84 | 22.9 | 134 | 83.4 | 27 |
| 28 | 9.528 | 7.408 | 89.3 | 9.83 | 3.98 | 4.75 | 3.94 | 3.68 | 2.40 | 31.8 | 86.6 | 49.5 | 28 |
| 29 | 9.558 | | 51.8 | 10.1 | 3.82 | 4.15 | 3.36 | 2.63 | 2.39 | 29.4 | 86.8 | 30.98 | 29 |
| 30 | 9.588 | | 58.4 | 9.50 | 3.57 | 3.84 | 3.03 | 2.57 | 2.48 | 25.1 | 89.8 | 19.98 | 30 |
| 31 | 9.608 | | 106 | | 3.57 | | 2.83 | 2.70 | | 21.7 | | 16.38 | 31 |
| TOTAL | 406.81 | 220.71 | 2 095.26 | 1 039.98 | 159.76 | 143.53 | 408.99 | 238.07 | 79.80 | 242.10 | 957.8 | 1 419.5 | TOTAL |
| MEAN | 13.1 | 7.88 | 67.6 | 34.7 | 5.15 | 4.78 | 13.2 | 7.68 | 2.65 | 7.81 | 31.9 | 45.8 | MEAN |
| MAX | 19.8 | 9.40 | 155 | 140 | 8.48 | 19.8 | 66.1 | 28.6 | 3.86 | 31.8 | 134 | 134 | MAX |
| MIN | 9.50 | 6.84 | 8.48 | 9.36 | 3.32 | 2.18 | 2.81 | 2.57 | 2.20 | 2.35 | 11.2 | 16.2 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.3
MAXIMUM DAILY, 155 ON MAR 24
MINIMUM DAILY, 2.18 ON JUN 21
MAXIMUM INSTANTANEOUS,
155 AT 21:53 EST ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 12 N
LONG 81 19 37 W
DRAINAGE AREA, 1 830 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 35 100 | JUL | 35 200 |
| FEB | 19 100 | AUG | 20 500 |
| MAR | 181 000 | SEP | 6 870 |
| APR | 89 900 | OCT | 20 900 |
| MAY | 13 800 | NOV | 82 700 |
| JUN | 12 400 | DEC | 123 000 |

TOTAL DISCHARGE, 841 000 dam³

## MAITLAND RIVER NEAR DONNYBROOK - STATION NO. 02FE004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21.6 | 11.2 B | 10.18 | 92.5 | 10.3 | 4.48 | 4.54 | --- | --- | --- | --- | --- | 1 |
| 2 | 20.5 | 11.1 B | 16.28 | 89.3 | 9.52 | 4.37 | 4.22 | --- | --- | --- | --- | --- | 2 |
| 3 | 19.0 B | 11.0 B | 26.68 | 61.4 | 8.83 | 4.63 | 3.99 | --- | --- | --- | --- | --- | 3 |
| 4 | 18.0 B | 10.9 B | 34.88 | 57.6 | 8.20 | 5.63 | 3.86 | --- | --- | --- | --- | --- | 4 |
| 5 | 16.0 B | 10.6 B | 36.78 | 70.6 | 7.80 | 5.77 | 3.85 | --- | --- | --- | --- | --- | 5 |
| 6 | 18.4 B | 10.6 B | 35.48 | 142 | 7.50 | 5.61 | 3.89 | --- | --- | --- | --- | --- | 6 |
| 7 | 18.4 | 10.4 B | 32.38 | 126 | 7.18 | 5.13 | 15.6 | --- | --- | --- | --- | --- | 7 |
| 8 | 16.9 B | 10.2 B | 55.38 | 74.0 | 8.95 | 4.82 | 74.5 | --- | --- | --- | --- | --- | 8 |
| 9 | 16.0 B | 10.1 B | 100 B | 49.4 | 6.61 | 4.59 | 82.5 | --- | --- | --- | --- | --- | 9 |
| 10 | 15.0 B | 10.0 B | 106 B | 37.4 | 5.34 | 4.38 | 84.3 | --- | --- | --- | --- | --- | 10 |
| 11 | 14.9 B | 9.908 | 90.08 | 31.2 | 8.26 | 4.20 | 34.8 | --- | --- | --- | --- | --- | 11 |
| 12 | 15.3 B | 9.758 | 84.58 | 28.4 | 8.23 | 4.19 | 16.4 | --- | --- | --- | --- | --- | 12 |
| 13 | 15.2 | 9.608 | 46.38 | 30.7 | 6.73 | 4.06 | 11.3 | --- | --- | --- | --- | --- | 13 |
| 14 | 14.0 B | 9.208 | 33.78 | 30.0 | 6.49 | 3.89 | 8.87 | --- | --- | --- | --- | --- | 14 |
| 15 | 16.5 | 9.008 | 29.89 | 26.9 | 6.34 | 3.70 | 7.86 | --- | --- | --- | --- | --- | 15 |
| 16 | 18.0 B | 8.808 | 28.08 | 24.7 | 7.86 | 3.52 | 8.73 | --- | --- | --- | --- | --- | 16 |
| 17 | 18.9 B | 8.608 | 26.28 | 21.8 | 8.05 | 3.23 | 7.55 | --- | --- | --- | --- | --- | 17 |
| 18 | 18.0 B | 8.408 | 28.48 | 19.6 | 6.31 | 3.04 | 6.39 | --- | --- | --- | --- | --- | 18 |
| 19 | 17.8 B | 8.008 | 40.5 | 17.6 | 5.83 | 2.88 | 5.71 | --- | --- | --- | --- | --- | 19 |
| 20 | 16.3 B | 7.808 | 66.2 | 15.9 | 5.55 | 2.74 | 5.33 | --- | --- | --- | --- | --- | 20 |
| 21 | 15.1 B | 7.608 | 95.6 | 14.5 | 5.59 | 2.74 | 17.3 | --- | --- | --- | --- | --- | 21 |
| 22 | 13.0 B | 7.608 | 123 | 13.4 | 5.67 | 4.66 | 15.6 | --- | --- | --- | --- | --- | 22 |
| 23 | 10.6 B | 7.608 | 146 | 13.0 | 6.19 | 11.1 | 10.4 | --- | --- | --- | --- | --- | 23 |
| 24 | 7.208 | 7.558 | 159 | 12.4 | 5.89 | 20.6 | 8.42 | --- | --- | --- | --- | --- | 24 |
| 25 | 8.308 | 7.808 | 161 | 10.7 | 5.62 | 13.7 | 6.81 | --- | --- | --- | --- | --- | 25 |
| 26 | 10.7 B | 7.808 | 133 | 11.0 | 5.62 | 9.31 | 7.43 | --- | --- | --- | --- | --- | 26 |
| 27 | 10.8 B | 8.008 | 116 | 10.9 | 5.45 | 7.22 | 6.05A | --- | --- | --- | --- | --- | 27 |
| 28 | 10.9 B | 8.408 | 81.9 | 11.3 | 5.32 | 5.09 | --- | --- | --- | --- | --- | --- | 28 |
| 29 | 11.0 B | | 58.8 | 11.8 | 4.86 | 5.44 | --- | --- | --- | --- | --- | --- | 29 |
| 30 | 11.1 B | | 61.4 | 10.7 | 4.64 | 4.85 | --- | --- | --- | --- | --- | --- | 30 |
| 31 | 11.2 B | | 109 | | 4.73 | | --- | --- | | --- | --- | --- | 31 |
| TOTAL | 464.70 | 257.30 | 2 145.5 | 1 148.4 | 201.85 | 170.23 | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 15.0 | 9.19 | 69.2 | 38.2 | 6.51 | 5.67 | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 21.6 | 11.2 | 159 | 142 | 10.3 | 30.6 | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 7.20 | 7.80 | 10.1 | 10.7 | 4.49 | 2.74 | --- | --- | --- | --- | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 159 ON MAR 24
MINIMUM DAILY, 2.74 ON JUN 20
MAXIMUM INSTANTANEOUS,
162 AT 23:05 EST ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 49 30 N
LONG 81 28 26 W
DRAINAGE AREA, 1 760 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 40 200 | JUL | --- |
| FEB | 22 200 | AUG | --- |
| MAR | 185 000 | SEP | --- |
| APR | 99 000 | OCT | --- |
| MAY | 17 400 | NOV | --- |
| JUN | 14 700 | DEC | --- |

REMARKS - STATION DISCONTINUED JUL 27 1987

## MATABITCHUAN RIVER AT RABBIT LAKE DAM - STATION NO 02JE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.7 | 11.3 | 19.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.70 | 1 |
| 2 | 11.9 | 10.7 | 18.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.40 | 2 |
| 3 | 11.3 | 17.7 | 17.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.80 | 8.00E | 3 |
| 4 | 10.7 | 26.5 | 16.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.20 | 7.80 | 4 |
| 5 | 10.3 | 24.6 | 14.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.80 | 7.60 | 5 |
| 6 | 13.9 | 23.2 | 22.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.40 | 7.40 | 6 |
| 7 | 18.4 | 21.8 | 31.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.40 | 7.20 | 7 |
| 8 | 16.7 | 20.2 | 27.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.40 | 8.70 | 8 |
| 9 | 15.0 | 19.0 | 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.40 | 8.70 | 9 |
| 10 | 17.2 | 17.9 | 23.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.20 | 8.80 | 10 |
| 11 | 16.5 | 16.6 | 21.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.90 | 8.70 | 11 |
| 12 | 15.9 | 15.3 | 19.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.90 | 8.70 | 12 |
| 13 | 15.2 | 20.5 | 17.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.90E | 8.70 | 13 |
| 14 | 14.6 | 24.9 | 16.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.80 | 8.80 | 14 |
| 15 | 13.5 | 22.4 | 14.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.70 | 8.80 | 15 |
| 16 | 12.7 | 20.5 | 13.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.70 | 8.70 | 16 |
| 17 | 12.0 | 18.7 | 12.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.70 | 10.1 | 17 |
| 18 | 11.5 | 17.4 | 11.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.80 | 15.4 | 18 |
| 19 | 10.9 | 15.8 | 10.5 | 0 | 0 | 0 | 0 | 0.100 | 0 | 0 | 3.80 | 15.0 | 19 |
| 20 | 10.5 | 14.5 | 9.80 | 0 | 0 | 0 | 0 | 0.100 | 0 | 0 | 3.70 | 14.8 | 20 |
| 21 | 14.6 | 13.5 | 9.40 | 0 | 0 | 0 | 0 | 0.100 | 0 | 0 | 3.30 | 14.4 | 21 |
| 22 | 19.0 | 12.6 | 8.80 | 0 | 0 | 0 | 0 | 0.100 | 0 | 0 | 3.30 | 13.9 | 22 |
| 23 | 18.1 | 11.6 | 8.80 | 0 | 0 | 0 | 0 | 0.100 | 0 | 0 | 5.80 | 13.5 | 23 |
| 24 | 17.2 | 10.9 | 8.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.7 | 12.9 | 24 |
| 25 | 16.3 | 18.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.3 | 13.3 | 25 |
| 26 | 15.4 | 36.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.80 | 13.1 | 26 |
| 27 | 14.6 | 33.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.30 | 11.7 | 27 |
| 28 | 13.7 | 31.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.10 | 11.5 | 28 |
| 29 | 13.1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.70 | 10.7 | 29 |
| 30 | 12.5 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.70 | 10.5 | 30 |
| 31 | 11.8 | | 0 | | 0 | | 0 | 0 | | 0 | | 10.1 | 31 |
| TOTAL | 443.8 | 521.0 | 395.80 | 0 | 0 | 0 | 0 | 0.500 | 0 | 0 | 151.30 | 303.90 | TOTAL |
| MEAN | 14.3 | 18.6 | 12.8 | 0 | 0 | 0 | 0 | 0.016 | 0 | 0 | 5.04 | 9.80 | MEAN |
| MAX | 19.4 | 36.3 | 31.1 | 0 | 0 | 0 | 0 | 0.100 | 0 | 0 | 10.7 | 15.4 | MAX |
| MIN | 10.3 | 10.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.80 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.98
MAXIMUM DAILY, 31.1 ON MAR 7
MINIMUM DAILY, 0 ON MAR 25

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 01 44 N
LONG 79 35 14 W
DRAINAGE AREA, 749 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 38 300 | JUL | 0 |
| FEB | 45 000 | AUG | 43.2 |
| MAR | 34 200 | SEP | 0 |
| APR | 0 | OCT | 0 |
| MAY | 0 | NOV | 13 100 |
| JUN | 0 | DEC | 26 300 |

TOTAL DISCHARGE, 157 000 dam³

## MATTAGAMI RIVER AT LITTLE LONG RAPIDS - STATION NO 04LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 157 | 105 | 151 | 250 | 584 | 422 | 13.5 | 328 | 221 | 102 | 264 | 325 | 1 |
| 2 | 174 | 133 | 194 | 210 | 558 | 448 | 147 | 371 | 212 | 107 | 240 | 318 | 2 |
| 3 | 172 | 183 | 148 | 213 | 550 | 440 | 283 | 181 | 202 | 103 | 267 | 312 | 3 |
| 4 | 163 | 151 | 186 | 201 | 530 | 412 | 200 | 381 | 214 | 110 | 245 | 188 | 4 |
| 5 | 173 | 148 | 145 | 207 | 498 | 325 | 209 | 477 | 145 | 108 | 262 | 188 | 5 |
| 6 | 176 | 139 | 183 | 211 | 389 | 389 | 213 | 523 | 143 | 229 | 288 | 182 | 6 |
| 7 | 186 | 143 | 108 | 209 | 297 | 299 | 173 | 523 | 70.3 | 259 | 324 | 170 | 7 |
| 8 | 186 | 93.0 | 252 | 200 | 283 | 269 | 187 | 437 | 181 | 270 | 343 | 187 | 8 |
| 9 | 175 | 161 | 201 | 218 | 302 | 314 | 204 | 428 | 140 | 317 | 286 | 161 | 9 |
| 10 | 169 | 124 | 141 | 263 | 249 | 342 | 193 | 261 | 140 | 273 | 273 | 174 | 10 |
| 11 | 183 | 156 | 176 | 272 | 308 | 336 | 148 | 285 | 124 | 275 | 273 | 186 | 11 |
| 12 | 187 | 182 | 205 | 425 | 323 | 304 | 186 | 290 | 103 | 273 | 273 | 176 | 12 |
| 13 | 182 | 138 | 194 | 319 | 315 | 277 | 187 | 279 | 108 | 273 | 273 | 184 | 13 |
| 14 | 147 | 147 | 208 | 273 | 290 | 270 | 213 | 248 | 123 | 252 | 237 | 202 | 14 |
| 15 | 148 | 108 | 204 | 286 | 273 | 316 | 175 | 147 | 97.7 | 235 | 181 | 316 | 15 |
| 16 | 157 | 126 | 224 | 284 | 250 | 295 | 259 | 151 | 84.3 | 257 | 205 | 181 | 16 |
| 17 | 148 | 157 | 202 | 1 080 | 203 | 306 | 335 | 188 | 83.5 | 247 | 268 | 237 | 17 |
| 18 | 150 | 148 | 216 | 1 180 | 216 | 310 | 323 | 171 | 81.3 | 280 | 338 | 204 | 18 |
| 19 | 147 | 139 | 207 | 1 250 | 187 | 357 | 266 | 183 | 79.0 | 438 | 332 | 226 | 19 |
| 20 | 141 | 161 | 206 | 1 270 | 219 | 368 | 273 | 191 | 75.8 | 452 | 273 | 205 | 20 |
| 21 | 138 | 182 | 248 | 1 180 | 200 | 376 | 343 | 156 | 71.8 | 457 | 273 | 188 | 21 |
| 22 | 135 | 184 | 248 | 1 230 | 219 | 400 | 376 | 173 | 83.1 | 453 | 273 | 187 | 22 |
| 23 | 147 | 187 | 252 | 1 110 | 218 | 388 | 443 | 141 | 86.3 | 460 | 273 | 235 | 23 |
| 24 | 138 | 143 | 251 | 1 040 | 198 | 342 | 549 | 177 | 78.0 | 467 | 273 | 173 | 24 |
| 25 | 152 | 152 | 250 | 842 | 438 | 307 | 691 | 163 | 76.0 | 273 | 273 | 36.0 | 25 |
| 26 | 178 | 159 | 191 | 792 | 523 | 257 | 796 | 181 | 76.7 | 342 | 273 | 174 | 26 |
| 27 | 181 | 152 | 205 | 781 | 524 | 230 | 716 | 181 | 72.7 | 295 | 246 | 201 | 27 |
| 28 | 187 | 145 | 144 | 603 | 444 | 248 | 823 | 226 | 67.3 | 242 | 233 | 190 | 28 |
| 29 | 134 | | 202 | 562 | 395 | 226 | 548 | 147 | 65.2 | 269 | 223 | 214 | 29 |
| 30 | 148 | | 250 | 593 | 523 | 172 | 523 | 137 | 67.4 | 285 | 230 | 202 | 30 |
| 31 | 118 | | 250 | | 517 | | 382 | 210 | | 260 | | 187 | 31 |
| TOTAL | 4 863 | 3 999.0 | 6 180 | 17 504 | 11 053 | 9 720 | 9 914.5 | 7 638 | 3 378.6 | 8 591 | 7 763 | 8 913.0 | TOTAL |
| MEAN | 157 | 143 | 199 | 583 | 357 | 324 | 320 | 253 | 113 | 277 | 258 | 181 | MEAN |
| MAX | 187 | 187 | 252 | 1 270 | 584 | 449 | 796 | 523 | 221 | 467 | 343 | 237 | MAX |
| MIN | 118 | 93.0 | 108 | 200 | 187 | 172 | 13.5 | 137 | 63.5 | 102 | 181 | 36.0 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 285
MAXIMUM DAILY, 1 270 ON APR 20
MINIMUM DAILY, 13.5 ON JUL 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 00 15 N
LONG 82 10 00 W
DRAINAGE AREA, 34 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 420 000 | JUL | 857 000 |
| FEB | 348 000 | AUG | 677 000 |
| MAR | 534 000 | SEP | 282 000 |
| APR | 1 510 000 | OCT | 742 000 |
| MAY | 955 000 | NOV | 670 000 |
| JUN | 840 000 | DEC | 511 000 |

TOTAL DISCHARGE, 8 380 000 dam³

## MATTAGAMI RIVER AT SMOOTH ROCK FALLS - STATION NO. 04LB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63.1 | 61.2 | 52.4 | 80.9 | 84.4 | 70.5 | 37.7 | 86.3 | 54.1 | 34.5 | 66.1 | 53.5 | 1 |
| 2 | 65.3 | 61.7 | 47.9 | 81.4 | 75.8 | 71.9 | 42.8 | 86.9 | 44.7 | 37.1 | 63.4 | 57.8 | 2 |
| 3 | 67.4 | 60.3 | 53.5 | 81.2 | 74.5 | 68.4 | 38.9 | 83.0 | 42.2 | 47.0 | 60.7 | 60.5 | 3 |
| 4 | 66.6 | 58.2 | 52.4 | 81.2 | 73.5 | 67.0 | 36.5 | 86.6 | 41.9 | 63.4 | 62.4 | 61.4 | 4 |
| 5 | 66.6 | 61.4 | 50.1 | 81.3 | 76.2 | 73.1 | 37.1 | 102 | 40.5 | 84.0 | 64.4 | 58.9 | 5 |
| 6 | 66.6 | 60.6 | 52.4 | 80.6 | 88.7 | 71.6 | 44.2 | 132 | 37.9 | 33.0 | 65.2 | 57.6 | 6 |
| 7 | 66.3 | 60.6 | 52.4 | 80.8 | 86.6 | 68.6 | 38.9 | 90.3 | 40.2 | 65.1 | 61.7 | 60.3 | 7 |
| 8 | 67.5 | 60.8 | 48.4 | 81.4 | 86.7 | 69.8 | 76.2 | 70.5 | 48.3 | 62.1 | 64.0 | 58.5 | 8 |
| 9 | 67.2 | 60.8 | 48.0 | 81.4 | 86.8 | 51.5 | 48.6 | 63.1 | 37.7 | 65.1 | 64.0 | 62.3 | 9 |
| 10 | 66.9 | 60.8 | 52.4 | 82.0 | 66.6 | 50.1 | 37.7 | 65.4 | 34.3 | 66.0 | 64.0 | 62.3 | 10 |
| 11 | 66.3 | 66.2 | 52.4 | 73.3 | 65.1 | 47.6 | 33.1 | 65.4 | 46.2 | 65.1 | 63.1 | 62.3 | 11 |
| 12 | 66.3 | 60.8 | 53.0 | 114 | 66.1 | 47.6 | 38.4 | 64.8 | 63.0 | 66.0 | 62.9 | 61.7 | 12 |
| 13 | 66.3 | 60.8 | 53.6 | 227 | 48.8 | 82.6 | 32.0 | 64.6 | 46.7 | 64.3 | 64.3 | 62.0 | 13 |
| 14 | 66.3 | 66.7 | 51.0 | 173 | 40.5 | 84.8 | 26.0 | 82.0 | 37.7 | 62.8 | 66.8 | 62.3 | 14 |
| 15 | 63.0 | 64.9 | 63.0 | 173 | 41.8 | 86.0 | 30.0 | 66.6 | 38.1 | 60.0 | 66.9 | 61.7 | 15 |
| 16 | 60.0 | 66.7 | 52.4 | 183 | 47.6 | 66.7 | 42.5 | 66.6 | 32.6 | 66.2 | 63.0 | 61.7 | 16 |
| 17 | 66.6 | 66.2 | 52.4 | 203 | 62.3 | 82.6 | 66.6 | 63.7 | 37.6 | 63.7 | 60.7 | 61.2 | 17 |
| 18 | 64.7 | 66.9 | 46.7 | 241 | 63.1 | 63.9 | 66.0 | 60.0 | 36.5 | 64.0 | 61.3 | 61.7 | 18 |
| 19 | 71.2 | 61.2 | 60.1 | 237 | 60.7 | 61.7 | 60.7 | 64.6 | 34.0 | 103 | 66.2 | 61.7 | 19 |
| 20 | 73.9 | 60.8 | 62.4 | 221 | 62.2 | 63.4 | 70.1 | 66.0 | 33.6 | 62.7 | 63.0 | 61.7 | 20 |
| 21 | 73.9 | 61.2 | 62.4 | 201 | 63.0 | 64.3 | 104 | 67.1 | 34.2 | 77.0 | 60.7 | 61.4 | 21 |
| 22 | 72.2 | 66.2 | 62.4 | 207 | 63.6 | 61.7 | 106 | 67.1 | 33.1 | 70.6 | 66.4 | 61.7 | 22 |
| 23 | 70.2 | 66.2 | 61.6 | 186 | 61.2 | 66.4 | 143 | 67.1 | 36.9 | 76.6 | 69.0 | 62.3 | 23 |
| 24 | 72.2 | 66.9 | 62.4 | 120 | 66.6 | 60.1 | 133 | 62.0 | 34.2 | 66.4 | 69.3 | 62.3 | 24 |
| 25 | 67.6 | 66.3 | 66.1 | 160 | 66.9 | 34.6 | 133 | 66.6 | 31.7 | 70.6 | 61.2 | 62.3 | 25 |
| 26 | 66.1 | 66.6 | 60.9 | 163 | 66.2 | 67.6 | 136 | 67.1 | 30.6 | 72.6 | 62.2 | 61.7 | 26 |
| 27 | 60.9 | 66.6 | 61.2 | 107 | 69.4 | 60.6 | 106 | 66.6 | 27.6 | 73.6 | 62.6 | 61.7 | 27 |
| 28 | 66.7 | 64.7 | 60.9 | 97.7 | 66.2 | 60.7 | 60.1 | 64.6 | 30.0 | 66.9 | 62.6 | 61.7 | 28 |
| 29 | 66.7 | | 60.9 | 61.6 | 67.7 | 46.3 | 66.7 | 66.6 | 33.7 | 63.4 | 62.2 | 60.6 | 29 |
| 30 | 61.2 | | 60.6 | 64.4 | 70.6 | 66.7 | 61.7 | 66.6 | 34.6 | 66.0 | 61.2 | 60.6 | 30 |
| 31 | 61.2 | | 60.9 | | 66.0 | | 66.7 | 61.4 | | 70.6 | | 61.2 | 31 |
| TOTAL | 1 960.2 | 1 676.6 | 1 660.6 | 3 616.2 | 1 976.3 | 1 767.6 | 2 063.6 | 2 129.4 | 1 139.0 | 2 006.7 | 1 734.4 | 1 690.2 | TOTAL |
| MEAN | 66.2 | 59.6 | 53.6 | 127 | 63.6 | 66.6 | 66.6 | 66.7 | 36.0 | 64.6 | 67.6 | 61.0 | MEAN |
| MAX | 73.6 | 61.7 | 61.2 | 241 | 66.6 | 73.1 | 143 | 132 | 64.1 | 103 | 66.1 | 62.3 | MAX |
| MIN | 63.0 | 66.7 | 47.9 | 60.6 | 40.6 | 34.6 | 26.0 | 66.6 | 27.6 | 33.0 | 46.4 | 63.6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.3
MAXIMUM DAILY, 241 ON APR 16
MINIMUM DAILY, 27.6 ON SEP 17

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 16 04 N
LONG 61 36 30 W
DRAINAGE AREA, 10 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 172 000 | JUL | 176 000 |
| FEB | 146 000 | AUG | 184 000 |
| MAR | 143 000 | SEP | 98 400 |
| APR | 330 000 | OCT | 174 000 |
| MAY | 171 000 | NOV | 150 000 |
| JUN | 152 000 | DEC | 163 000 |

TOTAL DISCHARGE, 2 030 000 dam³

## MATTAGAMI RIVER NEAR TIMMINS - STATION NO. 04LA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 66.6 | 71.7E | 67.6 | 41.6 | 34.1 | 27.6 | 16.1 | 20.6 | 24.6 | 31.9 | 30.0 | 44.4 | 1 |
| 2 | 66.1 | 71.7A | 66.4 | 41.2 | 32.6 | 24.0 | 16.7 | 16.2 | 24.2 | 32.4 | 30.0 | 39.6 | 2 |
| 3 | 66.6 | 66.7 | 62.7 | 46.0 | 30.6 | 20.6 | 16.6 | 20.6 | 24.4 | 30.3 | 29.6 | 36.7 | 3 |
| 4 | 62.6 | 66.1 | 61.6 | 46.0 | 26.6 | 16.7 | 22.6 | 26.4 | 24.6 | 30.6 | 26.6 | 35.6 | 4 |
| 5 | 66.1 | 47.2 | 60.3 | 46.7 | 26.0 | 16.1 | 23.4 | 34.4 | 24.6 | 31.6 | 30.6 | 36.1 | 6 |
| 6 | 66.7 | 64.4 | 67.6 | 63.7 | 26.6 | 21.6 | 22.6 | 33.3 | 24.6 | 26.3 | 26.6 | 46.6 | 6 |
| 7 | 66.4 | 66.4 | 66.7 | 66.7 | 27.2 | 21.3 | 22.0 | 26.6 | 26.2 | 23.3 | 27.0 | 61.7 | 7 |
| 6 | 66.4 | 66.2 | 67.6 | 66.6 | 24.6 | 22.1 | 16.7 | 32.3 | 24.6 | 22.6 | 26.3 | 63.6 | 6 |
| 6 | 66.6 | 64.6 | 66.6 | 61.6 | 22.6 | 23.2 | 12.6 | 37.2 | 26.6 | 23.6 | 26.1 | 63.6 | 6 |
| 10 | 66.6 | 63.1 | 66.6 | 66.0 | 20.1 | 21.2 | 16.7 | 36.6 | 31.6 | 26.4 | 24.1 | 66.6 | 10 |
| 11 | 66.0 | 60.3 | 67.1 | 66.4 | 22.1 | 19.1 | 14.6 | 26.2 | 32.6 | 26.6 | 23.2 | 66.0 | 11 |
| 12 | 66.4 | 66.1 | 66.3 | 63.2 | 23.6 | 20.6 | 16.6 | 32.4 | 27.1 | 26.6 | 26.6 | 66.0 | 12 |
| 13 | 66.2 | 66.1 | 66.6 | 67.0 | 30.0 | 26.3 | 22.6 | 26.1 | 26.6 | 26.6 | 26.6 | 66.6 | 13 |
| 14 | 70.7 | 73.1 | 66.7 | 66.6 | 26.6 | 26.3 | 26.7 | 26.2 | 26.7 | 33.6 | 22.6 | 66.6 | 14 |
| 16 | 71.6 | 73.3 | 67.6 | 66.1 | 30.0 | 23.6 | 26.0 | 41.0 | 24.7 | 33.6 | 21.0 | 66.3 | 16 |
| 16 | 61.3A | 72.6 | 66.2 | 66.6 | 26.6 | 20.6 | 23.7 | 36.4 | 22.6 | 26.1 | 27.2 | 66.1 | 16 |
| 17 | 63.0E | 72.3 | 66.1 | 70.6 | 26.7 | 16.7 | 22.7 | 40.3 | 20.6 | 24.6 | 33.2 | 64.3 | 17 |
| 16 | 63.0E | 70.7 | 66.0 | 72.4 | 26.6 | 17.6 | 27.3 | 36.6 | 16.4 | 32.6 | 36.6 | 64.4 | 16 |
| 16 | 63.0E | 70.0 | 67.6 | 71.6 | 16.4 | 16.6 | 26.4 | 36.6 | 16.6 | 37.6 | 31.6 | 64.6 | 16 |
| 20 | 63.0E | 66.6 | 67.4 | 70.0 | 20.1 | 14.0 | 62.4 | 61.0 | 21.7 | 66.6 | 26.6 | 64.6 | 20 |
| 21 | 62.6E | 66.6 | 67.2 | 66.2 | 21.6 | 17.3 | 66.0 | 60.7 | 27.2 | 36.6 | 36.0 | 66.3 | 21 |
| 22 | 62.6E | 67.6 | 67.1 | 66.7 | 23.1 | 16.6 | 66.6 | 61.6 | 26.7 | 37.6 | 36.4 | 66.6 | 22 |
| 23 | 62.3E | 66.6 | 66.6 | 63.6 | 26.7 | 17.6 | 62.6 | 63.4 | 16.3 | 33.6 | 36.6 | 62.0 | 23 |
| 24 | 62.3E | 66.0 | 66.7 | 61.0 | 27.6 | 16.6 | 66.6 | 62.4 | 16.3 | 23.6 | 36.1 | 62.7 | 24 |
| 26 | 62.0E | 67.2 | 66.2 | 67.6 | 26.6 | 16.6 | 66.2 | 61.6 | 21.6 | 17.6 | 36.6 | 62.6 | 26 |
| 26 | 61.0E | 62.6 | 67.0 | 66.6 | 16.6 | 17.6 | 66.2 | 63.3 | 26.7 | 26.1 | 36.7 | 61.7 | 26 |
| 27 | 76.0E | 61.2 | 67.0 | 61.0 | 16.7 | 16.7 | 66.6 | 66.6 | 27.4 | 26.6 | 36.4 | 62.4 | 27 |
| 26 | 71.0E | 67.6 | 66.6 | 66.6 | 24.0 | 16.2 | 64.1 | 66.0 | 26.7 | 36.6 | 66.3 | 62.4 | 26 |
| 26 | 70.6E | | 63.6 | 66.1 | 26.6 | 16.6 | 61.7 | 66.3 | 26.6 | 36.6 | 66.6 | 63.6 | 26 |
| 30 | 71.0E | | 61.6 | 66.2 | 16.1 | 16.6 | 61.7 | 66.6 | 26.6 | 26.6 | 61.6 | 63.6 | 30 |
| 31 | 71.6E | | 61.6 | | 26.1 | | 66.3 | 63.1 | | 36.6 | | 66.7 | 31 |
| TOTAL | 2 172.6 | 1 610.7 | 1 676.4 | 1 646.6 | 762.6 | 600.6 | 666.7 | 1 041.7 | 727.6 | 901.1 | 647.2 | 1 337.7 | TOTAL |
| MEAN | 70.1 | 66.7 | 67.7 | 66.6 | 26.6 | 20.0 | 66.2 | 66.6 | 24.3 | 26.1 | 31.6 | 63.2 | MEAN |
| MAX | 63.0 | 72.6 | 67.6 | 72.4 | 34.1 | 27.6 | 66.2 | 63.4 | 32.6 | 46.6 | 66.3 | 66.6 | MAX |
| MIN | 66.6 | 66.4 | 61.6 | 36.1 | 16.7 | 14.0 | 12.6 | 16.2 | 16.3 | 17.6 | 21.0 | 36.6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.6
MAXIMUM DAILY, 63.0E ON JAN 17
MINIMUM DAILY, 12.6 ON JUL 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 23 62 N
LONG 61 26 66 W
DRAINAGE AREA, 6 640 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 166 000 | JUL | 66 300 |
| FEB | 156 000 | AUG | 90 000 |
| MAR | 126 000 | SEP | 62 900 |
| APR | 162 000 | OCT | 77 900 |
| MAY | 66 600 | NOV | 61 400 |
| JUN | 61 900 | DEC | 116 000 |

TOTAL DISCHARGE, 1 260 000 dam³

## MATTAWA RIVER BELOW BOUILLON LAKE - STATION NO 02JE020

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.09 | 5.91 | 5.17 | 74.2 | 15.5 | 11.6 | 4.84 | 0.917 | 0.955 | 2.50 | 8.73 | 7.08 | 1 |
| 2 | 6.05 | 5.87 | 5.15 | 71.4 | 20.2 | 10.3 | 4.91 | 0.967 | 0.908 | 3.82 | 8.86 | 7.05 | 2 |
| 3 | 7.95 | 5.91 | 5.15 | 67.0 | 19.3 | 4.34 | 4.83 | 1.11 | 0.885 | 4.02 | 8.99 | 7.15 | 3 |
| 4 | 7.87 | 5.97 | 5.15 | 61.6 | 17.1 | 2.15 | 4.89 | 1.71 | 0.894 | 3.88 | 10.3 | 7.25 | 4 |
| 5 | 7.67 | 5.89 | 5.28 | 57.0 | 11.8 | 1.80 | 4.82 | 3.77 | 0.896 | 3.80 | 14.7 | 7.33 | 5 |
| 6 | 7.65 | 5.87 | 5.24 | 55.5 | 10.1 | 2.23 | 4.68 | 4.86 | 0.911 | 3.77 | 14.6 | 6.87 | 6 |
| 7 | 7.59 | 5.78 | 5.21 | 56.6 | 9.85 | 2.84 | 4.85 | 4.40 | 0.936 | 3.87 | 14.0 | 6.40 | 7 |
| 8 | 7.54 | 6.15 | 5.27 | 56.0 | 9.51 | 4.22 | 4.69 | 4.09 | 1.06 | 3.83 | 13.2 | 6.11 | 8 |
| 9 | 7.42 | 6.26 | 5.32 | 58.5 | 8.59 | 12.1 | 4.68 | 3.89 | 1.23 | 3.86 | 12.1 | 6.16 | 9 |
| 10 | 7.30 | 6.26 | 5.37 | 58.3 | 8.28 | 21.1 | 4.56 | 3.64 | 1.22 | 3.76 | 13.0 | 8.77 | 10 |
| 11 | 7.29 | 6.34 | 5.51 | 56.8 | 8.27 | 19.5 | 4.79 | 2.38 | 1.25 | 3.70 | 19.7 | 7.75 | 11 |
| 12 | 7.24 | 6.33 | 5.48 | 55.0 | 8.29 | 17.8 | 4.77 | 1.28 | 1.36 | 3.70 | 17.8 | 8.24 | 12 |
| 13 | 7.10 | 6.32 | 5.60 | 46.0 | 8.22 | 16.6 | 4.68 | 0.880 | 1.35 | 3.64 | 15.2 | 10.3 | 13 |
| 14 | 6.93 | 6.29 | 5.66 | 29.2 | 8.24 | 15.5 | 4.62 | 0.822 | 1.39 | 3.69 | 13.8 | 10.7 | 14 |
| 15 | 6.97 | 6.26 | 5.60 | 29.1 | 8.46 | 13.4 | 3.19 | 1.08 | 1.47 | 3.62 | 11.6 | 11.0 | 15 |
| 16 | 6.87 | 6.26 | 5.62 | 27.5 | 8.11 | 6.85 | 2.18 | 2.60 | 1.48 | 3.82 | 10.5 | 11.2 | 16 |
| 17 | 6.75 | 6.10 | 5.64 | 25.9 | 8.28 | 5.20 | 1.81 | 4.85 | 1.45 | 3.41 | 9.88 | 10.9 | 17 |
| 18 | 6.68 | 6.04 | 5.55 | 24.3 | 8.43 | 5.11 | 1.86 | 12.3 | 1.37 | 3.40 | 9.25 | 10.7 | 18 |
| 19 | 6.63 | 5.92 | 5.64 | 22.5 | 8.20 | 5.48 | 1.81 | 12.1 | 2.76 | 3.33 | 8.94 | 10.8 | 19 |
| 20 | 6.81 | 5.87 | 5.68 | 21.0 | 8.08 | 5.53 | 2.19 | 11.2 | 3.81 | 3.30 | 8.97 | 11.2 | 20 |
| 21 | 6.55 | 5.85 | 5.61 | 17.8 | 8.11 | 5.43 | 2.22 | 8.08 | 3.98 | 3.28 | 8.80 | 11.5 | 21 |
| 22 | 6.43 | 5.72 | 5.62 | 9.88 | 8.37 | 5.48 | 2.16 | 5.70 | 3.83 | 3.26 | 8.43 | 11.4 | 22 |
| 23 | 6.37 | 5.62 | 6.06 | 8.31 | 8.33 | 5.32 | 2.21 | 4.73 | 3.89 | 3.19 | 7.85 | 11.4 | 23 |
| 24 | 6.36 | 5.48 | 7.20 | 8.24 | 8.43 | 5.16 | 1.81 | 4.27 | 3.71 | 3.47 | 7.77 | 11.3 | 24 |
| 25 | 6.37 | 5.47 | 9.32 | 8.30 | 8.28 | 5.02 | 1.22 | 3.98 | 3.48 | 4.28 | 7.87 | 11.2 | 25 |
| 26 | 6.20 | 5.32 | 12.8 | 8.48 | 12.7 | 4.84 | 0.986 | 3.77 | 2.24 | 4.20 | 7.73 | 11.3 | 26 |
| 27 | 6.10 | 5.16 | 21.2 | 8.87 | 13.2 | 4.78 | 0.828 | 3.80 | 1.28 | 4.40 | 7.68 | 11.0 | 27 |
| 28 | 5.92 | 5.16 | 40.6 | 9.37 | 13.1 | 4.63 | 0.830 | 2.21 | 0.886 | 5.12 | 7.26 | 10.7 | 28 |
| 29 | 5.84 | | 43.9 | 12.1 | 12.8 | 4.67 | 0.823 | 1.26 | 0.852 | 6.14 | 7.14 | 10.4 | 29 |
| 30 | 5.84 | | 44.9 | 13.7 | 12.2 | 4.83 | 0.820 | 0.986 | 1.00 | 7.16 | 7.02 | 9.84 | 30 |
| 31 | 5.92 | | 72.8 | | 11.8 | | 0.912 | 0.994 | | 8.18 | | 9.46 | 31 |
| TOTAL | 214.26 | 165.43 | 388.27 | 1 080.14 | 331.26 | 234.08 | 95.039 | 116.896 | 62.825 | 125.08 | 321.32 | 291.88 | TOTAL |
| MEAN | 6.91 | 5.91 | 12.5 | 35.3 | 10.7 | 7.80 | 3.07 | 3.84 | 1.78 | 4.04 | 10.7 | 9.41 | MEAN |
| MAX | 8.09 | 6.34 | 72.8 | 74.2 | 20.2 | 21.1 | 4.94 | 12.3 | 3.98 | 8.18 | 19.7 | 11.5 | MAX |
| MIN | 5.84 | 5.16 | 5.15 | 8.24 | 8.08 | 1.80 | 0.912 | 0.822 | 0.852 | 2.80 | 7.02 | 6.11 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.31
MAXIMUM DAILY, 74.2 ON APR 1
MINIMUM DAILY, 0.822 ON AUG 14
MAXIMUM INSTANTANEOUS,
75.0 AT 01:33 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 58 N
LONG 78 54 26 W
DRAINAGE AREA, 909 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 16 500 | JUL | 8 210 |
| FEB | 14 200 | AUG | 10 300 |
| MAR | 33 500 | SEP | 4 580 |
| APR | 91 800 | OCT | 10 800 |
| MAY | 28 500 | NOV | 27 600 |
| JUN | 20 200 | DEC | 25 200 |

TOTAL DISCHARGE, 294 000 dam³

## MATTAWISHKWIA RIVER AT HEARST - STATION NO. 04LK001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.10 B | 0.6008 | 0.4488 | 1.038 | 30.7 | 23.2 | 5.58 | 22.6 | 4.80 | 15.3 | 13.2 | 14.8 B | 1 |
| 2 | 1.08 B | 0.5958 | 0.4448 | 1.008 | 27.4 | 20.0 | 5.00 | 19.4 | 4.63 | 16.2 | 12.5 | 13.1 B | 2 |
| 3 | 1.06 B | 0.5858 | 0.4428 | 1.008 | 24.1 | 17.0 | 5.85 | 16.2 | 4.55 | 19.3 | 12.7 | 11.4 B | 3 |
| 4 | 1.03 B | 0.5788 | 0.4418 | 1.008 | 21.2 | 14.5 | 5.13 | 20.0 | 4.30 | 18.6 | 14.4 | 9.908 | 4 |
| 5 | 1.01 B | 0.5708 | 0.4408 | 1.088 | 18.7 | 13.4 | 4.87 | 22.3 | 4.05 | 17.7 | 15.8 | 8.808 | 5 |
| 6 | 0.9908 | 0.5638 | 0.4408 | 1.188 | 17.1 | 12.3 | 4.32 | 22.0 | 4.27 | 17.6 | 15.5 | 7.708 | 6 |
| 7 | 0.9808 | 0.5558 | 0.4408 | 1 858 | 15.8 | 10.6 | 4.02 | 20.0 | 4.33 | 17.2 | 14.2 | 6.708 | 7 |
| 8 | 0.9408 | 0.5488 | 0.4388 | 2.508 | 14.4 | 11.0 | 3.54 | 18.0 | 4.34 | 18.3 | 12.4 B | 6.108 | 8 |
| 9 | 0.9208 | 0.5428 | 0.4398 | 3.408 | 12.9 | 11.8 | 3.09 | 17.2 | 4.23 | 15.5 | 11.6 B | 5.508 | 9 |
| 10 | 0.9008 | 0.5368 | 0.4398 | 7.108 | 11.7 | 11.2 | 11.8 | 16.0 | 4 15 | 16.1 | 10.7 B | 5.208 | 10 |
| 11 | 0.8808 | 0.5328 | 0.4388 | 13.6 B | 10.7 | 10.0 | 28.6 | 16.1 | 3.95 | 14.7 | 9.808 | 5.158 | 11 |
| 12 | 0.8658 | 0.5268 | 0.4388 | 18.9 B | 9.81 | 9.76 | 36.2 | 16.1 | 4.09 | 14.2 | 9.22 | 5.058 | 12 |
| 13 | 0.8508 | 0.5238 | 0.4388 | 23.4 B | 9.22 | 10.8 | 45.8 | 17.1 | 4.28 | 13.7 | 9.00 | 5.048 | 13 |
| 14 | 0.8308 | 0.5168 | 0.4388 | 30.0 B | 8.34 | 11.8 | 47.4 | 15.8 | 4.81 | 13.6 | 8.71 | 5.038 | 14 |
| 15 | 0.8108 | 0.5108 | 0.4398 | 36.5 B | 7.88 | 11.0 | 44.5 | 28.6 | 4.68 | 14.1 | 8.108 | 5.008 | 15 |
| 16 | 0.7858 | 0.5038 | 0.4418 | 41.0 B | 7.14 | 9.75 | 38.6 | 35.9 | 4.41 | 15.8 | 7.71 | 4.858 | 16 |
| 17 | 0.7758 | 0.4988 | 0.4428 | 80.5 B | 6.38 | 8.38 | 33.4 | 31.7 | 4.18 | 20.2 | 13.6 | 4.708 | 17 |
| 18 | 0.7608 | 0.4948 | 0.4448 | 83.0 | 5.80 | 7.33 | 27.3 | 26.4 | 3.97 | 24.0 | 30.8 | 4.608 | 18 |
| 19 | 0.7458 | 0.4908 | 0.4468 | 80.7 | 5.26 | 6.84 | 23.9 | 19.6 | 3.76 | 23.8 | 41.1 | 4.358 | 19 |
| 20 | 0.7258 | 0.4868 | 0.4488 | 82.2 | 4.81 | 5.62 | 22.2 | 17.1 | 3.75 | 22.3 | 46.3 | 4.208 | 20 |
| 21 | 0.7088 | 0.4808 | 0.4608 | 87.8 | 4.55 | 4.72 | 37.7 | 15.4 | 3.88 | 20.4 | 44.5 B | 4.008 | 21 |
| 22 | 0.7008 | 0.4778 | 0.4888 | 78.2 | 6.06 | 4.01 | 34.5 | 13.2 | 3.85 | 18.8 | 40.0 B | 3.858 | 22 |
| 23 | 0.6908 | 0.4748 | 0.4808 | 68.8 | 11.3 | 3.48 | 56.6 | 11.0 | 3.85 | 17.2 | 36.0 B | 3.708 | 23 |
| 24 | 0.6788 | 0.4708 | 0.5008 | 60.1 | 23.5 | 3.00 | 77.6 | 9.51 | 3.54 | 15.7 | 31.0 B | 3.808 | 24 |
| 25 | 0.6888 | 0.4888 | 0.5808 | 52.2 | 31.6 | 2.93 | 79.1 | 8.42 | 3.39 | 14.1 | 27.8 B | 3.458 | 25 |
| 26 | 0.6578 | 0.4828 | 0.6708 | 45.8 | 32.4 | 2.84 | 73.8 | 7.56 | 3.21 | 12.8 | 24.0 B | 3.358 | 26 |
| 27 | 0.6508 | 0.4588 | 0.6308 | 40.4 | 29.8 | 3.60 | 62.4 | 6.79 | 3.07 | 12.6 | 21.7 B | 3.208 | 27 |
| 28 | 0.6408 | 0.4658 | 1.02 B | 37.6 | 27.7 | 5.85 | 50.8 | 6.15 | 3.40 | 13.5 | 19.8 B | 3.058 | 28 |
| 29 | 0.6308 | | 1.08 B | 35.5 | 27.8 | 8.08 | 40.7 | 5.53 | 9.39 | 14.1 | 17.8 B | 2.958 | 29 |
| 30 | 0.6208 | | 1.08 B | 33.2 | 27.5 | 7.08 | 33.2 | 5.05 | 14.5 | 14.0 | 18.2 B | 2.858 | 30 |
| 31 | 0.6108 | | 1.08 B | | 26.0 | | 27.4 | 4.87 | | 14.0 | | 2.758 | 31 |
| TOTAL | 25.280 | 14.488 | 16.988 | 1 063.12 | 517.59 | 280.81 | 992.11 | 517.66 | 136.85 | 515.6 | 593.84 | 173.82 | TOTAL |
| MEAN | 0.815 | 0.518 | 0.547 | 35.1 | 16.7 | 9.36 | 32.0 | 16.7 | 4.57 | 16.6 | 19.8 | 5.61 | MEAN |
| MAX | 1.10 | 0.600 | 1.08 | 82.2 | 32.4 | 23.2 | 79.1 | 35.9 | 14.5 | 24.0 | 46.3 | 14.8 | MAX |
| MIN | 0.610 | 0.455 | 0.439 | 1.00 | 4.55 | 2.84 | 3.09 | 4.87 | 3.07 | 12.6 | 7.71 | 2.75 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.3
MAXIMUM DAILY, 82.2 ON APR 20
MINIMUM DAILY, 0.4388 ON MAR 8
MAXIMUM INSTANTANEOUS,
83.3 AT 01:15 EST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 58 N
LONG 83 39 30 W
DRAINAGE AREA, 1 140 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 180 | JUL | 85 700 |
| FEB | 1 260 | AUG | 44 700 |
| MAR | 1 470 | SEP | 11 800 |
| APR | 91 000 | OCT | 44 500 |
| MAY | 44 700 | NOV | 51 300 |
| JUN | 24 300 | DEC | 15 000 |

TOTAL DISCHARGE, 418 000 dam³

## MCGREGOR CREEK NEAR CHATHAM - STATION NO. 02GE007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.30 | 0.4258 | 16.0 B | 3.49 | 0.286 | 0.195 | 0.141 | 0.030 | 0.219 | 0.425 | 1.15 | 4.27 | 1 |
| 2 | 3.03 | 0.4208 | 22.2 | 14.4 | 0.283 | 0.188 | 0.107 | 0.240 | 0.173 | 0.481 | 1.84 | 3.48 | 2 |
| 3 | 2.87 | 0.4158 | 9.58 | 7.20 | 0.257 | 0.221 | 0.107 | 0.886 | 0.153 | 0.584 | 1.44 | 2.17 | 3 |
| 4 | 1.80 B | 0.4108 | 3.83 | 3.59 | 0.236 | 0.171 | 0.214 | 0.286 | 0.126 | 0.483 | 1.30 | 3.81 | 4 |
| 5 | 1.48 | 0.4078 | 2.75 | 14.5 A | 0.216 | 0.140 | 0.143 | 0.099 | 0.115 | 0.400 | 0.973 | 3.09 | 5 |
| 6 | 1.37 | 0.4058 | 3.14 | 14.7 | 0.213 | 0.127 | 0.087 | 0.081 | 0.115 | 0.367 | 0.711 | 1.81 | 6 |
| 7 | 3.81 | 0.4358 | 5.50 | 7.80 | 0.213 | 0.117 | 0.389 | 0.048 | 0.113 | 0.380 | 0.589 | 1.47 | 7 |
| 8 | 5.06 | 0.4808 | 6.15 | 3.06 | 0.209 | 0.110 | 0.588 | 0.082 | 0.107 | 0.307 | 0.651 | 4.82 | 8 |
| 9 | 1.87 | 0.5408 | 3.57 | 1.88 | 0.184 | 0.113 | 0.158 | 2.81 | 0.102 | 0.268 | 1.76 | 8.10 | 9 |
| 10 | 1.57 | 0.4908 | 1.47 B | 1.40 | 0.182 | 0.106 | 0.106 | 5.72 | 0.094 | 0.257 | 1.32 | 5.30 | 10 |
| 11 | 1.53 | 0.4858 | 1.22 B | 1.15 | 0.187 | 0.097 | 0.089 | 0.602 | 0.084 | 0.288 | 0.850 | 2.45 | 11 |
| 12 | 1.62 B | 0.4808 | 0.967 | 1.18 | 0.209 | 0.101 | 0.070 | 0.238 | 3.76 | 0.387 | 0.885 | 8.56 | 12 |
| 13 | 1.13 | 0.6158 | 0.803 | 1.23 | 0.272 | 0.107 | 0.085 | 0.137 | 11.4 | 0.380 | 0.583 | 3.78 | 13 |
| 14 | 1.80 | 0.5858 | 0.750 | 1.16 | 0.303 | 0.100 | 0.084 | 0.100 | 1.73 | 0.288 | 0.499 | 1.86 | 14 |
| 15 | 24.7 | 0.5858 | 0.687 | 1.08 | 2.18 | 0.112 | 0.123 | 0.082 | 0.883 | 0.278 | 0.432 | 22.3 | 15 |
| 16 | 8.89 | 0.5878 | 0.754 | 1.00 | 0.828 | 0.075 | 0.073 | 0.081 | 0.852 | 0.267 | 0.388 | 27.6 | 16 |
| 17 | 2.50 B | 0.5908 | 0.788 | 0.861 | 0.373 | 0.071 | 0.082 | 0.084 | 0.858 | 0.269 | 0.425 | 9.61 | 17 |
| 18 | 1.00 B | 0.5408 | 0.784 | 0.743 | 0.341 | 0.088 | 0.047 | 0.080 | 4.83 | 0.348 | 0.473 | 4.38 | 18 |
| 19 | 0.7908 | 0.5358 | 0.744 | 0.640 | 0.358 | 0.082 | 0.044 | 0.087 | 13.7 | 0.320 | 0.385 | 2.86 | 19 |
| 20 | 0.7008 | 0.5208 | 0.695 | 0.691 | 0.376 | 0.089 | 0.037 | 0.080 | 8.17 | 0.290 | 0.390 | 27.1 | 20 |
| 21 | 0.6308 | 0.5258 | 0.621 | 0.552 | 0.288 | 0.087 | 0.037 | 0.044 | 2.28 | 0.281 | 0.240 | 15.2 | 21 |
| 22 | 0.5708 | 0.5708 | 0.573 | 0.499 | 0.244 | 0.152 | 0.038 | 8.88 | 12.8 | 0.334 | 0.393 | 4.61 | 22 |
| 23 | 0.5208 | 0.6008 | 0.542 | 0.508 | 0.218 | 0.111 | 0.034 | 3.63 | 5.11 | 0.387 | 0.322 | 3.23 | 23 |
| 24 | 0.5008 | 0.6858 | 0.513 | 0.480 | 0.207 | 0.082 | 0.027 | 0.628 | 1.87 | 0.841 | 0.348 | 3.33 | 24 |
| 25 | 0.4758 | 0.7508 | 0.506 | 0.394 | 0.197 | 0.077 | 0.062 | 0.224 | 0.844 | 3.23 | 8.84 | 19.2 | 25 |
| 26 | 0.4858 | 1.00 B | 0.500 | 0.338 | 1.71 | 0.088 | 0.118 | 0.798 | 0.631 | 1.46 | 34.7 | 7.28 | 26 |
| 27 | 0.4858 | 1.35 B | 0.489 | 0.318 | 1.17 | 0.138 | 0.081 | 18.5 | 0.483 | 8.17 | 8.36 | 3.24 | 27 |
| 28 | 0.4908 | 1.75 B | 0.438 | 0.407 | 0.337 | 0.100 | 0.044 | 8.53 | 0.403 | 8.87 | 2.90 | 2.34 | 28 |
| 29 | 0.4458 | | 0.403 | 0.348 | 0.237 | 0.078 | 0.031 | 1.61 | 0.372 | 2.16 | 8.10 | 1.35 B | 29 |
| 30 | 0.4408 | | 3.18 | 0.302 | 0.212 | 0.100 | 0.029 | 0.722 | 0.380 | 1.38 | 8.88 | 1.12 B | 30 |
| 31 | 0.4308 | | 3.32 | | 0.238 | | 0.026 | 0.343 | | 1.10 | | 0.8408 | 31 |
| TOTAL | 75.810 | 17.388 | 82.308 | 85.442 | 12.530 | 3.381 | 3.230 | 52.673 | 73.174 | 33.124 | 78.824 | 210.840 | TOTAL |
| MEAN | 2.45 | 0.615 | 2.87 | 2.85 | 0.404 | 0.113 | 0.104 | 1.70 | 2.44 | 1.07 | 2.63 | 6.79 | MEAN |
| MAX | 24.7 | 1.75 | 22.2 | 14.7 | 2.18 | 0.221 | 0.588 | 18.5 | 13.7 | 8.17 | 34.7 | 27.6 | MAX |
| MIN | 0.430 | 0.405 | 0.403 | 0.302 | 0.187 | 0.082 | 0.026 | 0.030 | 0.088 | 0.257 | 0.240 | 0.840 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.02
MAXIMUM DAILY, 27.6 ON DEC 15
MINIMUM DAILY, 0.026 ON JUL 31
MAXIMUM INSTANTANEOUS,
48.7 AT 21:45 EST ON DEC 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 23 00 N
LONG 82 05 39 W
DRAINAGE AREA, 202 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 550 | JUL | 279 |
| FEB | 1 490 | AUG | 4 540 |
| MAR | 7 870 | SEP | 6 320 |
| APR | 7 380 | OCT | 3 880 |
| MAY | 1 080 | NOV | 5 620 |
| JUN | 292 | DEC | 18 200 |

TOTAL DISCHARGE, 63 800 dam³

## MCINTYRE RIVER ABOVE THUNDER BAY - STATION NO. 02AB020

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.2498 | 0.0918 | 0.0898 | 0.1998 | 0.334 | 0.825 | 0.037 | 0.184 | 0.130 | 0.178 | 0.282 | 0.0788 | 1 |
| 2 | 0.2438 | 0.0908 | 0.0908 | 0.2158 | 0.320 | 0.514 | 0.062 | 0.372 | 0.130 | 0.183 | 0.283 | 0.0728 | 2 |
| 3 | 0.2388 | 0.0898 | 0.0918 | 0.2308 | 0.286 | 0.436 | 0.086 | 0.311 | 0.098 | 0.188 | 0.274 | 0.0678 | 3 |
| 4 | 0.2328 | 0.0888 | 0.0928 | 0.2438 | 0.271 | 0.394 | 0.116 | 0.213 | 0.086 | 0.198 | 0.278 | 0.0618 | 4 |
| 5 | 0.2268 | 0.0878 | 0.0938 | 0.3208 | 0.259 | 0.401 | 0.092 | 0.134 | 0.133 | 0.188 | 0.284 | 0.0578 | 5 |
| 6 | 0.2208 | 0.0868 | 0.0948 | 0.5708 | 0.284 | 0.384 | 0.078 | 0.088 | 0.500 | 0.202 | 0.248 | 0.0538 | 6 |
| 7 | 0.2158 | 0.0858 | 0.0958 | 1.20 B | 0.259 | 0.381 | 0.085 | 0.080 | 0.455 | 0.208 | 0.232 | 0.0508 | 7 |
| 8 | 0.2108 | 0.0848 | 0.0968 | 2.10 B | 0.261 | 0.341 | 0.066 | 0.081 | 0.481 | 0.204 | 0.236 | 0.0478 | 8 |
| 9 | 0.2048 | 0.0848 | 0.0978 | 2.07 B | 0.281 | 0.288 | 0.050 | 0.080 | 0.481 | 0.384 | 0.208 | 0.0448 | 9 |
| 10 | 0.1998 | 0.0838 | 0.0998 | 2.05 B | 0.248 | 0.232 | 0.053 | 0.103 | 0.398 | 0.431 | 0.203 | 0.0418 | 10 |
| 11 | 0.1958 | 0.0828 | 0.1008 | 1.92 B | 0.248 | 0.207 | 0.050 | 0.113 | 0.404 | 0.370 | 0.211 | 0.0388 | 11 |
| 12 | 0.1918 | 0.0828 | 0.1018 | 1.48 | 0.221 | 0.202 | 0.085 | 0.534 | 0.482 | 0.327 | 0.186 | 0.0378 | 12 |
| 13 | 0.1888 | 0.0828 | 0.1028 | 1.22 | 0.202 | 0.218 | 0.142 | 1.16 | 0.408 | 0.334 | 0.180 | 0.0358 | 13 |
| 14 | 0.1838 | 0.0818 | 0.1048 | 1.08 | 0.214 | 0.218 | 0.134 | 0.713 | 0.357 | 0.335 | 0.208 | 0.0338 | 14 |
| 15 | 0.1788 | 0.0818 | 0.1068 | 1.00 | 0.238 | 0.177 | 0.121 | 0.492 | 0.291 | 0.267 | 0.205 | 0.0328 | 15 |
| 16 | 0.1708 | 0.0818 | 0.1098 | 0.880 | 0.247 | 0.177 | 0.081 | 0.428 | 0.246 | 0.420 | 0.295 | 0.0308 | 16 |
| 17 | 0.1608 | 0.0818 | 0.1118 | 0.801 | 0.354 | 0.188 | 0.085 | 0.355 | 0.222 | 0.822 | 0.7008 | 0.0298 | 17 |
| 18 | 0.1438 | 0.0818 | 0.1138 | 0.841 | 0.388 | 0.123 | 0.071 | 0.357 | 0.206 | 0.552 | 1.07 B | 0.0288 | 18 |
| 19 | 0.1308 | 0.0828 | 0.1168 | 0.859 | 0.338 | 0.098 | 0.107 | 0.293 | 0.209 | 0.431 | 0.5408 | 0.0288 | 19 |
| 20 | 0.1208 | 0.0828 | 0.1208 | 0.883 | 0.338 | 0.078 | 0.143 | 0.266 | 0.249 | 0.374 | 0.3858 | 0.0288 | 20 |
| 21 | 0.1148 | 0.0828 | 0.1238 | 0.871 | 0.331 | 0.080 | 0.136 | 0.267 | 0.262 | 0.346 | 0.2858 | 0.0248 | 21 |
| 22 | 0.1108 | 0.0838 | 0.1248 | 0.736 | 0.881 | 0.073 | 0.092 | 0.334 | 0.244 | 0.320 | 0.2338 | 0.0238 | 22 |
| 23 | 0.1068 | 0.0848 | 0.1318 | 0.585 | 0.817 | 0.063 | 0.098 | 0.282 | 0.223 | 0.303 | 0.1928 | 0.0228 | 23 |
| 24 | 0.1038 | 0.0858 | 0.1388 | 0.493 | 0.608 | 0.034 | 0.133 | 0.222 | 0.198 | 0.300 | 0.1888 | 0.0218 | 24 |
| 25 | 0.1018 | 0.0858 | 0.1408 | 0.458 | 0.441 | 0.031 | 0.140 | 0.182 | 0.189 | 0.291 | 0.1488 | 0.0218 | 25 |
| 26 | 0.0998 | 0.0868 | 0.1488 | 0.461 | 0.395 | 0.029 | 0.118 | 0.137 | 0.186 | 0.328 | 0.1308 | 0.0208 | 26 |
| 27 | 0.0978 | 0.0868 | 0.1538 | 0.521 | 0.406 | 0.033 | 0.087 | 0.137 | 0.158 | 0.355 | 0.1188 | 0.0198 | 27 |
| 28 | 0.0968 | 0.0878 | 0.1608 | 0.465 | 0.383 | 0.048 | 0.087 | 0.119 | 0.161 | 0.345 | 0.1028 | 0.0178 | 28 |
| 29 | 0.0948 | | 0.1698 | 0.434 | 0.374 | 0.048 | 0.088 | 0.139 | 0.182 | 0.321 | 0.0938 | 0.0168 | 29 |
| 30 | 0.0938 | | 0.1788 | 0.389 | 0.462 | 0.035 | 0.056 | 0.151 | 0.180 | 0.291 | 0.0888 | 0.0158 | 30 |
| 31 | 0.0928 | | 0.1858 | | 0.826 | | 0.037 | 0.151 | | 0.290 | | 0.0148 | 31 |
| TOTAL | 4.998 | 2.363 | 3.862 | 25.544 | 11.328 | 8.109 | 2.787 | 8.486 | 7.825 | 9.871 | 8.036 | 1.097 | TOTAL |
| MEAN | 0.161 | 0.084 | 0.118 | 0.851 | 0.365 | 0.204 | 0.089 | 0.274 | 0.261 | 0.318 | 0.268 | 0.035 | MEAN |
| MAX | 0.249 | 0.091 | 0.185 | 2.10 | 0.926 | 0.825 | 0.143 | 1.16 | 0.500 | 0.822 | 1.07 | 0.079 | MAX |
| MIN | 0.092 | 0.081 | 0.089 | 0.199 | 0.202 | 0.029 | 0.037 | 0.061 | 0.098 | 0.178 | 0.085 | 0.014 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.252
MAXIMUM DAILY, 2.108 ON APR 6
MINIMUM DAILY, 0.0148 ON DEC 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 57 N
LONG 89 16 31 W
DRAINAGE AREA, 90.0 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 432 | JUL | 238 |
| FEB | 204 | AUG | 733 |
| MAR | 316 | SEP | 676 |
| APR | 2 210 | OCT | 853 |
| MAY | 979 | NOV | 894 |
| JUN | 526 | DEC | 94 6 |

TOTAL DISCHARGE, 7 990 dam³

REMARKS - STA. ACTIVATED IN DEC 1986, REPLACED STA. NO. 02AB016

## MCKENZIE CREEK NEAR CALEDONIA - STATION NO. 02GB010

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.66 | 0.945B | 1.708 | 5.71 | 0.826 | 0.345 | 0.300 | 0.188 | 0.243 | 0.205 | 0.517 | 1.95 | 1 |
| 2 | 2.29 | 0.935B | 4.878 | 6.86 | 0.805 | 0.386 | 0.297 | 0.202 | 0.222 | 0.207 | 0.502 | 1.68 | 2 |
| 3 | 1.96 | 0.935B | 6.408 | 7.82 | 0.773 | 0.375 | 0.322 | 0.205 | 0.199 | 0.214 | 0.455 | 1.46 | 3 |
| 4 | 1.84 B | 0.950B | 5.808 | 8.18 | 0.726 | 0.389 | 0.322 | 0.177 | 0.198 | 0.211 | 0.400 | 1.43 | 4 |
| 5 | 1.71 B | 0.940B | 5.808 | 16.4 | 0.729 | 0.325 | 0.310 | 0.187 | 0.193 | 0.220 | 0.370 | 1.31 | 5 |
| 6 | 1.60 B | 0.950B | 6.008 | 19.8 | 0.736 | 0.355 | 0.288 | 0.187 | 0.195 | 0.218 | 0.393 | 1.12 | 6 |
| 7 | 1.51 | 0.980B | 8.208 | 18.6 | 0.676 | 0.422 | 0.275 | 0.190 | 0.242 | 0.242 | 0.347 | 1.01 | 7 |
| 8 | 1.40 | 0.940B | 8.808 | 13.4 | 0.684 | 0.414 | 0.266 | 0.186 | 0.202 | 0.247 | 0.345 | 0.821 | 8 |
| 9 | 1.36 | 0.920B | 10.2 B | 9.20 | 0.691 | 0.382 | 0.266 | 0.345 | 0.204 | 0.239 | 0.363 | 0.859 | 9 |
| 10 | 1.42 | 0.900B | 7.708 | 5.99 | 0.676 | 0.362 | 0.265 | 0.333 | 0.200 | 0.241 | 0.298 | 1.01 | 10 |
| 11 | 1.37 | 0.880B | 6.008 | 4.09 | 0.670 | 0.338 | 0.251 | 0.262 | 0.208 | 0.252 | 0.304 | 0.944 | 11 |
| 12 | 1.33 | 0.850B | 4.508 | 3.32 | 0.636 | 0.335 | 0.238 | 0.252 | 0.207 | 0.248 | 0.302 | 0.972 | 12 |
| 13 | 1.33 | 0.830B | 3.308 | 3.41 | 0.621 | 0.327 | 0.234 | 0.258 | 0.203 | 0.260 | 0.291 | 1.01 | 13 |
| 14 | 1.34 | 0.810B | 2.808 | 3.20 | 0.628 | 0.340 | 0.262 | 0.283 | 0.205 | 0.269 | 0.298 | 1.03 | 14 |
| 15 | 2.99 | 0.800B | 2.048 | 2.86 | 0.657 | 0.321 | 0.258 | 0.274 | 0.212 | 0.259 | 0.294 | 2.46 | 15 |
| 16 | 4.00 B | 0.790B | 1.618 | 2.58 | 0.675 | 0.289 | 0.258 | 0.286 | 0.217 | 0.252 | 0.278 | 3.76 | 16 |
| 17 | 3.80 B | 0.780B | 1.24 | 2.37 | 0.606 | 0.281 | 0.248 | 0.245 | 0.219 | 0.254 | 0.277 | 3.29 | 17 |
| 18 | 2.80 B | 0.770B | 1.10 | 2.05 | 0.596 | 0.273 | 0.256 | 0.223 | 0.239 | 0.258 | 0.275 | 2.94 | 18 |
| 19 | 2.20 B | 0.755B | 1.06 | 1.75 | 0.692 | 0.315 | 0.251 | 0.217 | 0.241 | 0.270 | 0.273 | 2.17 | 19 |
| 20 | 1.85 B | 0.745B | 1.02 | 1.53 | 0.657 | 0.298 | 0.256 | 0.206 | 0.239 | 0.280 | 0.275 | 3.85 | 20 |
| 21 | 1.61 B | 0.730B | 1.02 | 1.39 | 0.593 | 0.284 | 0.235 | 0.201 | 0.270 | 0.291 | 0.278B | 4.91 | 21 |
| 22 | 1.42 B | 0.725B | 1.04 | 1.22 | 0.572 | 0.267 | 0.231 | 0.210 | 0.285 | 0.286 | 0.280B | 4.39 | 22 |
| 23 | 1.27 B | 0.710B | 1.17 | 1.10 | 0.431 | 0.263 | 0.234 | 0.201 | 0.282 | 0.313 | 0.278 | 3.27 | 23 |
| 24 | 1.20 B | 0.705B | 1.25 | 1.02 | 0.325 | 0.271 | 0.259 | 0.201 | 0.252 | 0.326 | 0.284 | 2.80 | 24 |
| 25 | 1.13 B | 0.700B | 1.39 | 0.927 | 0.338 | 0.299 | 0.268 | 0.197 | 0.232 | 0.368 | 0.512 | 2.77 | 25 |
| 26 | 1.09 B | 0.695B | 1.84 | 0.884 | 0.392 | 0.436 | 0.443 | 0.192 | 0.227 | 0.389 | 0.684 | 2.63 | 26 |
| 27 | 1.05 B | 0.690B | 2.29 | 0.880 | 0.375 | 0.371 | 0.305 | 0.223 | 0.238 | 0.443 | 0.893 | 2.21 | 27 |
| 28 | 1.02 B | 0.690 | 3.28 | 0.871 | 0.386 | 0.368 | 0.246 | 0.212 | 0.227 | 0.458 | 0.794 | 1.84 | 28 |
| 29 | 0.985B | | 2.18 | 0.851 | 0.363 | 0.327 | 0.215 | 0.224 | 0.218 | 0.475 | 1.47 | 1.52 B | 29 |
| 30 | 0.975B | | 2.41 | 0.846 | 0.357 | 0.325 | 0.231 | 0.248 | 0.219 | 0.473 | 2.01 | 1.43 B | 30 |
| 31 | 0.960B | | 4.63 | | 0.335 | | 0.220 | 0.264 | | 0.484 | | 1.40 B | 31 |
| TOTAL | 53.300 | 23.030 | 108.24 | 149.019 | 17.800 | 10.013 | 8.333 | 8.987 | 6.884 | 9.132 | 14.452 | 63.846 | TOTAL |
| MEAN | 1.72 | 0.823 | 3.49 | 4.97 | 0.574 | 0.334 | 0.269 | 0.225 | 0.222 | 0.295 | 0.482 | 2.06 | MEAN |
| MAX | 4.00 | 0.960 | 10.2 | 19.8 | 0.826 | 0.436 | 0.443 | 0.349 | 0.285 | 0.484 | 2.01 | 4.91 | MAX |
| MIN | 0.960 | 0.690 | 1.02 | 0.846 | 0.325 | 0.263 | 0.215 | 0.187 | 0.190 | 0.205 | 0.264 | 0.821 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.29
MAXIMUM DAILY, 19.8 ON APR 6
MINIMUM DAILY, 0.187 ON AUG 7
MAXIMUM INSTANTANEOUS,
20.6 AT 21:49 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 03 N
LONG 79 57 00 W
DRAINAGE AREA, 171 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 610 | JUL | 720 |
| FEB | 1 980 | AUG | 804 |
| MAR | 9 350 | SEP | 575 |
| APR | 12 900 | OCT | 788 |
| MAY | 1 540 | NOV | 1 250 |
| JUN | 865 | DEC | 5 520 |

TOTAL DISCHARGE, 40 700 dam³

## MCVICAR CREEK AT THUNDER BAY - STATION NO. 02AB019

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.073E | 0.041E | 0.033E | 0.090E | 0.187 | 0.282 | 0.032 | 0.030E | 0.068E | 0.098 | 0.150 | 0.063E | 1 |
| 2 | 0.072E | 0.040E | 0.033E | 0.104E | 0.184 | 0.326 | 0.048E | 0.039E | 0.067E | 0.090 | 0.141 | 0.054E | 2 |
| 3 | 0.070E | 0.039E | 0.032E | 0.118E | 0.156 | 0.236 | 0.037E | 0.049E | 0.066E | 0.086 | 0.147 | 0.054E | 3 |
| 4 | 0.068E | 0.038E | 0.032E | 0.136E | 0.164 | 0.262 | 0.034E | 0.060E | 0.068E | 0.088 | 0.130 | 0.050E | 4 |
| 5 | 0.068E | 0.038E | 0.032E | 0.154E | 0.165 | 0.230 | 0.034E | 0.063E | 0.078E | 0.103 | 0.117 | 0.046E | 5 |
| 6 | 0.066E | 0.036E | 0.032E | 0.205E | 0.162 | 0.244 | 0.034E | 0.047E | 0.097E | 0.088 | 0.111 | 0.043E | 6 |
| 7 | 0.065E | 0.037E | 0.032E | 0.270E | 0.116 | 0.221 | 0.034E | 0.042E | 0.160E | 0.069 | 0.107B | 0.040E | 7 |
| 8 | 0.064E | 0.037E | 0.032E | 0.360E | 0.129 | 0.215 | 0.031E | 0.037E | 0.255E | 0.087 | 0.103B | 0.038E | 8 |
| 9 | 0.063E | 0.037E | 0.032E | 0.445E | 0.131 | 0.189 | 0.028E | 0.037E | 0.237 | 0.234 | 0.100B | 0.035E | 9 |
| 10 | 0.062E | 0.036E | 0.031E | 0.465 | 0.121 | 0.142 | 0.030E | 0.037E | 0.237 | 0.163 | 0.098B | 0.033E | 10 |
| 11 | 0.060E | 0.036E | 0.031E | 0.440 | 0.128 | 0.158 | 0.032E | 0.060E | 0.459 | 0.163 | 0.093E | 0.032E | 11 |
| 12 | 0.059E | 0.036E | 0.031E | 0.420 | 0.118 | 0.137 | 0.034E | 0.095E | 0.382 | 0.145 | 0.090 | 0.030E | 12 |
| 13 | 0.058E | 0.035E | 0.031E | 0.373 | 0.132 | 0.110 | 0.036E | 0.150E | 0.495 | 0.114 | 0.091 | 0.028E | 13 |
| 14 | 0.057E | 0.035E | 0.031E | 0.345 | 0.140 | 0.107 | 0.038E | 0.240E | 0.307 | 0.129 | 0.100B | 0.027E | 14 |
| 15 | 0.056E | 0.035E | 0.031E | 0.357 | 0.128 | 0.080 | 0.038E | 0.232E | 0.217 | 0.102 | 0.110 | 0.026E | 15 |
| 16 | 0.055E | 0.035E | 0.032E | 0.347 | 0.181 | 0.070 | 0.034E | 0.224E | 0.206 | 0.411 | 0.185 | 0.024E | 16 |
| 17 | 0.054E | 0.035E | 0.032E | 0.342 | 0.243 | 0.065 | 0.033E | 0.217E | 0.133 | 0.423 | 0.493 | 0.023E | 17 |
| 18 | 0.053E | 0.035E | 0.033E | 0.333 | 0.225 | 0.064 | 0.032E | 0.210E | 0.110 | 0.324 | 0.529 | 0.022E | 18 |
| 19 | 0.052E | 0.034E | 0.034E | 0.322 | 0.267 | 0.064 | 0.034E | 0.202E | 0.174 | 0.228 | 0.262B | 0.021E | 19 |
| 20 | 0.051E | 0.034E | 0.035E | 0.340 | 0.252 | 0.063 | 0.037E | 0.195E | 0.173 | 0.198 | 0.215B | 0.020E | 20 |
| 21 | 0.050E | 0.034E | 0.037E | 0.301 | 0.233 | 0.047 | 0.038E | 0.189E | 0.180 | 0.183 | 0.176B | 0.019E | 21 |
| 22 | 0.049E | 0.034E | 0.040E | 0.317 | 0.357 | 0.044 | 0.038E | 0.163E | 0.133 | 0.167 | 0.152B | 0.017E | 22 |
| 23 | 0.048E | 0.034E | 0.042E | 0.289 | 0.353 | 0.041 | 0.038E | 0.176E | 0.118 | 0.156 | 0.132B | 0.016E | 23 |
| 24 | 0.047E | 0.034E | 0.044E | 0.256 | 0.292 | 0.043 | 0.037E | 0.152E | 0.097 | 0.170 | 0.117B | 0.014E | 24 |
| 25 | 0.046E | 0.033E | 0.047E | 0.255 | 0.216 | 0.037 | 0.035E | 0.132E | 0.094 | 0.163 | 0.104B | 0.013E | 25 |
| 26 | 0.045E | 0.033E | 0.051E | 0.250 | 0.181 | 0.049 | 0.033E | 0.116E | 0.087 | 0.213 | 0.095B | 0.012E | 26 |
| 27 | 0.045E | 0.033E | 0.055E | 0.260 | 0.163 | 0.037 | 0.030E | 0.101E | 0.075 | 0.200 | 0.087B | 0.011E | 27 |
| 28 | 0.044E | 0.033E | 0.059E | 0.227 | 0.181 | 0.031 | 0.028E | 0.087E | 0.064 | 0.182 | 0.079B | 0.010E | 28 |
| 29 | 0.043E | | 0.065E | 0.230 | 0.184 | 0.030 | 0.027E | 0.076E | 0.063 | 0.160 | 0.073B | 0.009E | 29 |
| 30 | 0.042E | | 0.072E | 0.198 | 0.278 | 0.030 | 0.028E | 0.073E | 0.080 | 0.167 | 0.068B | 0.008E | 30 |
| 31 | 0.042E | | 0.078E | | 0.209 | | 0.024E | 0.071E | | 0.158 | | 0.007E | 31 |
| TOTAL | 1.729 | 1.000 | 1.232 | 8.831 | 6.006 | 3.818 | 1.039 | 3.815 | 5.000 | 5.263 | 4.474 | 0.849 | TOTAL |
| MEAN | 0.056 | 0.036 | 0.040 | 0.288 | 0.194 | 0.121 | 0.034 | 0.117 | 0.167 | 0.170 | 0.149 | 0.027 | MEAN |
| MAX | 0.073 | 0.041 | 0.078 | 0.465 | 0.357 | 0.326 | 0.048 | 0.240 | 0.495 | 0.423 | 0.529 | 0.063 | MAX |
| MIN | 0.042 | 0.033 | 0.031 | 0.090 | 0.116 | 0.030 | 0.024 | 0.030 | 0.063 | 0.086 | 0.089 | 0.007 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.116
MAXIMUM DAILY, 0.529 ON NOV 18
MINIMUM DAILY, 0.0078 ON DEC 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 55 N
LONG 89 13 09 W
DRAINAGE AREA, 46.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 149 | JUL | 89.8 |
| FEB | 86.4 | AUG | 312 |
| MAR | 106 | SEP | 432 |
| APR | 746 | OCT | 465 |
| MAY | 519 | NOV | 367 |
| JUN | 313 | DEC | 73.4 |

TOTAL DISCHARGE, 3 670 dam³

## MEDWAY RIVER AT LONDON - STATION NO. 02GD002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.36 | 0.525B | 1.50B | 6.55 | 0.715 | 1.21 | 0.132 | 0.120 | 0.208 | 0.248 | 0.330 | 4.21 | 1 |
| 2 | 2.32 | 0.515B | 6.50B | 5.82 | 0.639 | 3.44 | 0.118 | 0.748 | 0.254 | 0.409 | 0.315 | 3.38 | 2 |
| 3 | 2.07 | 0.505B | 8.30B | 5.74 | 0.811 | 1.74 | 0.215 | 0.123 | 0.101 | 0.196 | 0.312 | 2.77 | 3 |
| 4 | 1.85 B | 0.500B | 7.90B | 6.75 | 0.630 | 0.857 | 0.138 | 0.074 | 0.040 | 0.078 | 0.241 | 2.50 | 4 |
| 5 | 1.72 B | 0.498B | 7.50B | 17.5 | 0.540 | 0.637 | 0.046 | 0.136 | 0.028 | 0.053 | 0.281 | 2.19 | 5 |
| 6 | 1.65 B | 0.485B | 7.30B | 23.5 | 0.482 | 0.474 | 0.112 | 0.119 | 0.029 | 0.085 | 0.284 | 1.96 | 6 |
| 7 | 1.70 | 0.475B | 12.4 | 12.3 | 0.506 | 0.412 | 0.172 | 0.135 | 0.049 | 0.135 | 0.256 | 1.82 | 7 |
| 8 | 1.57 | 0.470B | 33.5 | 6.63 | 0.449 | 0.400 | 0.105 | 0.121 | 0.087 | 0.150A | 0.167 | 1.64 | 8 |
| 9 | 1.48 | 0.485B | 39.5 | 4.27 | 0.402 | 0.431 | 0.082 | 0.456 | 0.084 | 0.104 | 0.234 | 4.44 | 9 |
| 10 | 1.53 | 0.480B | 15.2 | 3.21 | 0.412 | 0.378 | 0.163 | 0.196 | 0.088 | 0.085 | 0.414 | 8.33 | 10 |
| 11 | 1.53 | 0.455B | 8.15 | 2.58 | 0.430 | 0.320 | 0.123 | 0.209 | 0.132 | 0.100 | 0.443 | 5.07 | 11 |
| 12 | 1.41 | 0.450B | 4.93 | 2.76 | 0.366 | 0.319 | 0.010 | 0.198 | 0.203 | 0.086 | 0.356 | 4.55 | 12 |
| 13 | 1.36 | 0.448B | 3.36 | 4.24 | 0.385 | 0.233 | 0.303 | 0.161 | 0.117 | 0.058 | 0.337 | 4.48 | 13 |
| 14 | 1.38 | 0.442B | 2.93 | 3.76 | 0.565 | 0.211 | 0.488 | 0.239 | 0.125 | 0.067 | 0.245 | 3.31 | 14 |
| 15 | 3.36 | 0.438B | 2.50 | 3.13 | 0.889 | 0.246 | 0.115 | 0.151 | 0.288 | 0.073 | 0.196 | 5.71 | 15 |
| 16 | 6.05 | 0.435B | 2.75 | 2.68 | 0.333 | 0.218 | 0.145 | 0.047 | 0.208 | 0.074 | 0.239 | 12.2 | 16 |
| 17 | 3.80 B | 0.428B | 2.83 | 2.25 | 0.325 | 0.153 | 0.170 | 0.020 | 0.236 | 0.137 | 0.312 | 7.54 | 17 |
| 18 | 2.90 B | 0.425B | 3.03 | 1.93 | 0.320 | 0.148 | 0.088 | 0.115 | 0.275 | 0.080 | 0.286 | 5.08 | 18 |
| 19 | 2.60 B | 0.420B | 3.41 | 1.84 | 0.387 | 0.170 | 0.015 | 0.153 | 0.194 | 0.076 | 0.227 | 4.24 | 19 |
| 20 | 2.40 B | 0.415B | 3.82 | 1.80 | 0.291 | 0.088 | 0.029 | 0.153 | 0.088 | 0.223 | 0.305 | 13.6 | 20 |
| 21 | 2.00 B | 0.410B | 3.55 | 1.34 | 0.343 | 0.025 | 0.150 | 0.178 | 0.248 | 0.335 | 0.253 | 31.1 | 21 |
| 22 | 1.20 B | 0.405B | 3.22 | 1.24 | 0.326 | 0.424 | 0.128 | 0.200 | 0.228 | 0.335 | 0.139 | 15.5 | 22 |
| 23 | 0.950B | 0.400B | 3.18 | 1.17 | 0.218 | 0.238 | 0.150 | 0.056 | 0.198 | 0.400 | 0.444 | 8.52 | 23 |
| 24 | 0.740B | 0.397B | 3.00 | 1.12 | 0.228 | 0.141 | 0.184 | 0.038 | 0.164 | 0.540 | 0.954 | 5.91 | 24 |
| 25 | 0.640B | 0.400B | 2.83 | 0.917 | 0.280 | 0.143 | 0.138 | 0.173 | 0.199 | 0.283 | 7.78 | 9.83 | 25 |
| 26 | 0.600B | 0.410B | 2.89 | 0.880 | 0.228 | 0.222 | 0.024 | 0.372 | 0.148 | 0.150 | 24.5 | 11.0 | 26 |
| 27 | 0.574B | 0.420B | 2.44 | 0.987 | 0.205 | 0.158 | 0.036 | 0.338 | 0.088 | 0.740 | 13.9 | 5.88 | 27 |
| 28 | 0.580B | 0.440B | 2.15 | 0.883 | 0.221 | 0.087 | 0.137 | 0.232 | 0.084 | 0.347 | 6.89 | 3.89 | 28 |
| 29 | 0.550B | | 2.01 | 0.804 | 0.223 | 0.174 | 0.124 | 0.158 | 0.177 | 0.315 | 5.08 | 2.50B | 29 |
| 30 | 0.540B | | 5.41 | 0.808 | 0.234 | 0.204 | 0.115 | 0.057 | 0.271 | 0.313 | 5.01 | 2.20B | 30 |
| 31 | 0.530B | | 9.36 | | 1.47 | | 0.154 | 0.133 | | 0.316 | | 2.00B | 31 |
| TOTAL | 53.984 | 12.533 | 218.94 | 129.039 | 13.364 | 13.050 | 4.099 | 5.805 | 4.574 | 6.588 | 70.803 | 197.85 | TOTAL |
| MEAN | 1.74 | 0.448 | 7.06 | 4.30 | 0.431 | 0.435 | 0.132 | 0.181 | 0.152 | 0.212 | 2.36 | 6.38 | MEAN |
| MAX | 6.05 | 0.525 | 39.5 | 23.5 | 1.47 | 3.44 | 0.488 | 0.748 | 0.288 | 0.740 | 24.5 | 31.1 | MAX |
| MIN | 0.530 | 0.397 | 1.50 | 0.808 | 0.205 | 0.025 | 0.010 | 0.020 | 0.028 | 0.053 | 0.139 | 1.82 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.00
MAXIMUM DAILY, 39.5 ON MAR 9
MINIMUM DAILY, 0.010 ON JUL 12
MAXIMUM INSTANTANEOUS,
59.7 AT 04:48 EST ON MAR 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 00 50 N
LONG 81 15 39 W
DRAINAGE AREA, 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 680 | JUL | 354 |
| FEB | 1 080 | AUG | 484 |
| MAR | 18 700 | SEP | 385 |
| APR | 11 100 | OCT | 587 |
| MAY | 1 150 | NOV | 6 120 |
| JUN | 1 130 | DEC | 17 100 |

TOTAL DISCHARGE, 62 800 dam³

## MICHIPICOTEN RIVER AT HIGH FALLS - STATION NO. 02BD002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 74.9 | 75.0 | 75.2 | 83.6 | 54.5 | 36.3 | 22.7 | 16.3 | 22.9 | 27.9 | 22.8 | 49.8 | 1 |
| 2 | 75.4 | 75.0 | 75.4 | 83.1 | 72.7 | 41.6 | 55.2 | 15.7 | 24.1 | 22.9 | 33.5 | 50.0 | 2 |
| 3 | 75.3 | 75.4 | 75.3 | 75.1 | 57.1 | 51.1 | 46.0 | 30.0 | 22.1 | 22.7 | 23.8 | 49.3 | 3 |
| 4 | 75.0 | 75.3 | 76.9 | 74.8 | 55.7 | 51.0 | 41.1 | 16.6 | 23.4 | 22.3 | 22.7 | 50.7 | 4 |
| 5 | 75.1 | 75.9 | 75.9 | 83.9 | 70.8 | 56.9 | 25.8 | 15.0 | 24.8 | 23.1 | 18.1 | 37.5 | 5 |
| 6 | 75.4 | 75.0 | 75.0 | 80.9 | 61.8 | 49.9 | 30.6 | 20.2 | 21.8 | 22.9 | 21.0 | 25.3 | 6 |
| 7 | 75.1 | 75.0 | 75.1 | 89.3 | 75.7 | 36.1 | 53.0 | 16.3 | 23.6 | 22.9 | 17.4 | 30.0 | 7 |
| 8 | 75.7 | 75.4 | 75.3 | 80.0 | 73.3 | 36.6 | 44.3 | 14.4 | 23.8 | 22.9 | 17.1 | 38.2 | 8 |
| 9 | 75.0 | 75.1 | 75.4 | 82.2 | 71.0 | 32.9 | 48.1 | 14.4 | 23.0 | 22.9 | 17.1 | 25.8 | 9 |
| 10 | 75.3 | 75.0 | 82.1 | 72.9 | 56.8 | 29.4 | 49.8 | 13.6 | 25.8 | 22.6 | 27.9 | 32.9 | 10 |
| 11 | 75.1 | 75.3 | 83.3 | 85.5 | 57.1 | 54.7 | 34.7 | 16.4 | 26.3 | 22.6 | 31.2 | 42.4 | 11 |
| 12 | 75.1 | 75.5 | 75.1 | 84.3 | 74.9 | 60.3 | 36.2 | 16.0 | 27.5 | 22.6 | 26.5 | 29.2 | 12 |
| 13 | 75.1 | 81.6 | 75.0 | 80.1 | 75.0 | 48.6 | 27.6 | 15.5 | 36.4 | 22.8 | 36.3 | 22.8 | 13 |
| 14 | 75.0 | 75.4 | 75.3 | 80.6 | 70.0 | 31.3 | 40.9 | 15.3 | 28.7 | 22.7 | 18.1 | 31.5 | 14 |
| 15 | 75.1 | 75.2 | 75.2 | 73.6 | 76.6 | 36.2 | 34.9 | 17.5 | 40.3 | 22.9 | 17.8 | 55.7 | 15 |
| 16 | 73.6 | 75.0 | 75.3 | 74.3 | 75.3 | 82.7 | 48.1 | 18.4 | 28.9 | 22.7 | 17.6 | 47.1 | 16 |
| 17 | 75.1 | 75.3 | 75.1 | 86.4 | 75.3 | 63.6 | 49.6 | 19.8 | 28.0 | 22.9 | 31.8 | 40.0 | 17 |
| 18 | 75.4 | 74.2 | 75.2 | 53.9 | 75.1 | 53.3 | 36.1 | 21.2 | 24.0 | 22.8 | 45.4 | 55.2 | 18 |
| 19 | 75.1 | 75.5 | 75.5 | 44.9 | 77.2 | 56.1 | 24.2 | 23.2 | 28.0 | 22.8 | 40.7 | 41.9 | 19 |
| 20 | 75.0 | 75.3 | 72.3 | 58.1 | 67.7 | 36.2 | 37.6 | 24.3 | 28.0 | 22.9 | 54.6 | 40.2 | 20 |
| 21 | 75.3 | 75.3 | 75.0 | 74.7 | 68.1 | 26.2 | 51.6 | 23.9 | 28.0 | 22.7 | 35.9 | 43.1 | 21 |
| 22 | 75.1 | 75.4 | 75.0 | 74.2 | 75.1 | 48.1 | 49.4 | 24.5 | 28.0 | 22.6 | 22.7 | 42.1 | 22 |
| 23 | 74.9 | 75.3 | 75.0 | 74.1 | 73.6 | 57.0 | 40.5 | 22.9 | 28.0 | 22.9 | 26.1 | 43.4 | 23 |
| 24 | 75.3 | 75.1 | 75.0 | 74.6 | 65.6 | 54.0 | 35.5 | 23.8 | 28.5 | 22.9 | 52.3 | 24.5 | 24 |
| 25 | 75.1 | 75.3 | 74.9 | 74.7 | 68.9 | 47.2 | 15.0 | 23.7 | 28.0 | 22.9 | 63.7 | 32.9 | 25 |
| 26 | 75.1 | 74.4 | 74.3 | 74.6 | 74.3 | 53.9 | 15.0 | 24.5 | 28.0 | 23.1 | 54.6 | 32.0 | 26 |
| 27 | 75.0 | 66.6 | 74.9 | 80.3 | 74.0 | 36.9 | 17.0 | 23.4 | 26.3 | 23.1 | 55.3 | 31.4 | 27 |
| 28 | 74.8 | 75.4 | 66.2 | 57.5 | 73.4 | 27.6 | 15.9 | 22.6 | 26.6 | 23.4 | 47.6 | 30.3 | 28 |
| 29 | 73.7 | | 62.9 | 36.2 | 75.3 | 26.5 | 21.2 | 22.7 | 26.2 | 25.1 | 40.1 | 45.5 | 29 |
| 30 | 75.0 | | 66.1 | 46.5 | 74.4 | 51.3 | 32.9 | 24.5 | 26.2 | 23.1 | 46.1 | 44.9 | 30 |
| 31 | 75.3 | | 74.6 | | 57.8 | | 15.7 | 22.5 | | 22.6 | | 32.7 | 31 |
| TOTAL | 2 336.4 | 2 107.4 | 2 314.8 | 1 980.0 | 2 185.3 | 1 388.5 | 1 084.2 | 606.3 | 823.2 | 716.2 | 989.6 | 1 166.5 | TOTAL |
| MEAN | 75.0 | 75.3 | 74.7 | 66.0 | 70.5 | 46.6 | 35.3 | 19.6 | 27.4 | 23.1 | 32.3 | 37.7 | MEAN |
| MAX | 75.7 | 81.6 | 83.3 | 83.6 | 81.6 | 83.5 | 55.2 | 24.5 | 40.3 | 27.9 | 54.6 | 55.7 | MAX |
| MIN | 73.6 | 66.6 | 62.9 | 36.2 | 54.5 | 26.2 | 15.0 | 13.6 | 21.8 | 22.2 | 17.1 | 22.7 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.4
MAXIMUM DAILY, 83.6 ON APR 1
MINIMUM DAILY, 13.6 ON AUG 10

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 54 05 N
LONG 84 42 35 W
DRAINAGE AREA, 6 130 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 201 000 | JUL | 94 500 |
| FEB | 162 000 | AUG | 52 800 |
| MAR | 200 000 | SEP | 71 100 |
| APR | 171 000 | OCT | 61 500 |
| MAY | 188 000 | NOV | 63 800 |
| JUN | 118 000 | DEC | 101 000 |

TOTAL DISCHARGE, 1 530 000 dam³

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

REGULATED SINCE 1928

REMARKS - RECORDS PRIOR TO JAN 01 1980 PUBLISHED AS "MICHIPICOTEN RIVER BELOW SCOTT FALLS"

## MIDDLE MAITLAND RIVER ABOVE ETHEL - STATION NO 02FE013

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.55 | 1.20 B | 1.288 | 16.2 | 0.922 | 0.331 | 0.393 | 0.503 | 0.351 | 0.424 | 4.24 | 21.1 | 1 |
| 2 | 4.108 | 1.18 B | 2.038 | 15.0 | 0.851 | 0.376 | 0.367 | 5.24 | 0.351 | 0.401 | 3.46 | 14.8 | 2 |
| 3 | 3.708 | 1.16 B | 3.008 | 13.7 | 0.783 | 0.372 | 0.356 | 23.0 | 0.339 | 0.379 | 3.12 | 10.3 | 3 |
| 4 | 3.808 | 1.15 B | 4.008 | 13.7 | 0.877 | 0.423 | 0.375 | 9.74 | 0.313 | 0.321 | 3.33 | 8.28 | 4 |
| 5 | 3.508 | 1.14 B | 4.708 | 28.5 | 0.851 | 0.349 | 0.331 | 4.80 | 0.301 | 0.280 | 2.90 | 6.69 | 5 |
| 6 | 3.71 | 1.13 B | 5.408 | 41.5 | 0.819 | 0.288 | 10.4 | 2.82 | 0.285 | 0.285 | 2.34 | 5.58 | 6 |
| 7 | 3.51 | 1.12 B | 6.808 | 32.8 | 0.576 | 0.278 | 48.7 | 1.84 | 0.244 | 0.317 | 2.21 | 4.72 | 7 |
| 8 | 3.02 | 1.11 B | 17.0 B | 12.7 | 0.849 | 0.305 | 36.3 | 2.38 | 0.235 | 0.416 | 4.51 | 4.41 | 8 |
| 9 | 2.858 | 1.10 B | 33.3 B | 8.85 | 0.817 | 0.290 | 38.9 | 5.78 | 0.277 | 0.430 | 15.1 | 9.14 | 9 |
| 10 | 2.858 | 1.08 B | 33.8 B | 8.85 | 0.472 | 0.285 | 25.1 | 12.1 | 0.276 | 0.416 | 11.3 | 18.5 | 10 |
| 11 | 3.04 | 1.07 B | 24.0 B | 5.48 | 0.486 | 0.248 | 8.88 | 5.43 | 0.356 | 0.388 | 8.89 | 10.9 | 11 |
| 12 | 3.11 | 1.08 B | 17.0 B | 4.88 | 0.462 | 0.276 | 5.36 | 3.85 | 0.623 | 0.352 | 5.24 | 9.13 | 12 |
| 13 | 3.32 | 1.06 B | 11.5 B | 6.03 | 0.408 | 0.271 | 3.32 | 2.51 | 0.488 | 0.316 | 4.34 | 9.61 | 13 |
| 14 | 3.04 | 1.04 B | 9.208 | 5.31 | 0.472 | 0.235 | 3.71 | 1.76 | 0.386 | 0.324 | 3.84 | 8.80 | 14 |
| 15 | 3.18 | 1.03 B | 8.408 | 4.81 | 2.88 | 0.183 | 4.37 | 1.35 | 0.324 | 0.331 | 2.83 | 8.19 | 15 |
| 16 | 4.008 | 1.02 B | 8.008 | 4.33 | 1.38 | 0.180 | 2.90 | 1.11 | 0.307 | 0.335 | 2.58 | 8.28 | 16 |
| 17 | 4.408 | 1.01 B | 8.108 | 3.74 | 0.886 | 0.138 | 1.86 | 1.85 | 0.314 | 0.369 | 2.89 | 7.85 | 17 |
| 18 | 3.508 | 1.00 B | 8.008 | 3.32 | 0.782 | 0.148 | 1.35 | 1.60 | 0.388 | 0.445 | 3.03 | 6.74 | 18 |
| 19 | 2.908 | 0.9908 | 15.0 B | 2.73 | 0.718 | 0.151 | 1.13 | 1.12 | 0.448 | 0.390 | 2.87 | 6.26 | 19 |
| 20 | 2.408 | 0.9808 | 25.5 | 2.37 | 0.614 | 0.137 | 15.8 | 0.903 | 0.415 | 0.333 | 3.04 | 13.9 | 20 |
| 21 | 2.108 | 0.9708 | 36.1 | 2.16 | 0.581 | 0.117 | 10.4 | 0.785 | 0.394 | 0.353 | 2.388 | 40.8 | 21 |
| 22 | 1.908 | 0.9598 | 42.4 | 1.80 | 0.522 | 0.776 | 4.84 | 0.656 | 0.434 | 0.378 | 2.778 | 26.0 | 22 |
| 23 | 1.858 | 0.9608 | 44.0 | 1.82 | 0.448 | 7.42 | 2.78 | 0.585 | 0.417 | 0.731 | 2.90 | 15.5 | 23 |
| 24 | 1.858 | 0.9558 | 47.5 | 1.70 | 0.417 | 3.88 | 1.75 | 0.495 | 0.370 | 1.85 | 4.82 | 10.7 | 24 |
| 25 | 1.458 | 0.9508 | 38.2 | 1.41 | 0.407 | 1.50 | 1.32 | 0.453 | 0.330 | 8.11 | 12.2 | 26.1 | 25 |
| 26 | 1.388 | 0.9408 | 26.5 | 1.26 | 0.401 | 0.871 | 1.12 | 0.427 | 0.300 | 6.17 | 50.5 | 37.8 | 26 |
| 27 | 1.348 | 0.9508 | 19.8 | 1.25 | 0.378 | 0.754 | 1.01 | 0.440 | 0.280 | 6.13 | 45.8 | 18.1 | 27 |
| 28 | 1.308 | 0.8808 | 14.3 | 1.33 | 0.368 | 0.583 | 0.816 | 0.425 | 0.244 | 12.0 | 23.3 | 10.6 | 28 |
| 29 | 1.288 | | 11.1 | 1.21 | 0.333 | 0.496 | 0.890 | 0.387 | 0.244 | 8.07 | 22.0 | 8.848 | 29 |
| 30 | 1.258 | | 20.2 | 1.08 | 0.290 | 0.448 | 0.598 | 0.396 | 0.360 | 8.70 | 24.5 | 8.678 | 30 |
| 31 | 1.228 | | 29.1 | | 0.288 | | 0.554 | 0.381 | | 8.10 | | 8.848 | 31 |
| TOTAL | 82.21 | 28.270 | 575.68 | 239.84 | 20.034 | 21.878 | 237.368 | 86.558 | 10.374 | 85.615 | 280.83 | 398.24 | TOTAL |
| MEAN | 2.85 | 1.05 | 18.6 | 7.98 | 0.646 | 0.729 | 7.66 | 3.11 | 0.346 | 2.12 | 9.36 | 12.8 | MEAN |
| MAX | 4.85 | 1.20 | 44.0 | 41.5 | 2.88 | 7.42 | 48.7 | 23.0 | 0.623 | 12.0 | 50.5 | 40.8 | MAX |
| MIN | 1.22 | 0.840 | 1.25 | 1.05 | 0.288 | 0.117 | 0.331 | 0.381 | 0.235 | 0.280 | 2.21 | 4.41 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.84
MAXIMUM DAILY, 50.5 ON NOV 28
MINIMUM DAILY, 0.117 ON JUN 21
MAXIMUM INSTANTANEOUS,
56.4 AT 21:33 EST ON NOV 28

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 05 N
LONG 81 07 28 W
DRAINAGE AREA, 418 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 100 | JUL | 20 500 |
| FEB | 2 530 | AUG | 8 340 |
| MAR | 45 700 | SEP | 896 |
| APR | 20 700 | OCT | 5 670 |
| MAY | 1 730 | NOV | 24 300 |
| JUN | 1 890 | DEC | 34 400 |

TOTAL DISCHARGE, 178 000 dam³

## MIDDLE MAITLAND RIVER NEAR BELGRAVE - STATION NO 02FE004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.53 | 3.448 | 3.808 | 28.8 | 2.13 | 0.786 | 0.764 | 0.767 | 0.737 | 0.747 | 8.05 | 31.8 | 1 |
| 2 | 7.40 | 3.448 | 3.508 | 23.0 | 1.82 | 0.712 | 0.669 | 2.78 | 0.733 | 0.816 | 6.29 | 26.0 | 2 |
| 3 | 8.448 | 2.408 | 5.008 | 20.7 | 1.78 | 0.685 | 0.628 | 28.0 | 0.884 | 0.903 | 5.74 | 17.8 | 3 |
| 4 | 6.728 | 2.378 | 6.808 | 18.7 | 1.82 | 0.884 | 0.587 | 18.3 | 0.687 | 0.850 | 5.23 | 14.4 | 4 |
| 5 | 6.308 | 2.328 | 8.208 | 31.2 | 1.53 | 0.824 | 0.550 | 8.71 | 0.640 | 0.774 | 8.00 | 11.9 | 5 |
| 6 | 5.108 | 2.288 | 8.208 | 80.7 | 1.45 | 0.773 | 0.602 | 5.04 | 0.589 | 0.737 | 5.07 | 10.1 | 6 |
| 7 | 4.808 | 2.258 | 8.408 | 41.2 | 1.41 | 0.750 | 45.8 | 3.34 | 0.551 | 0.784 | 4.42 | 8.88 | 7 |
| 8 | 4.708 | 2.218 | 21.6 B | 22.2 | 1.35 | 0.718 | 52.2 | 2.57 | 0.514 | 0.825 | 5.91 | 7.76 | 8 |
| 9 | 4.588 | 2.188 | 38.3 B | 15.2 | 0.781 | 0.648 | 50.8 | 4.33 | 0.482 | 0.909 | 18.9 | 11.1 | 9 |
| 10 | 4.448 | 2.178 | 42.9 B | 12.0 | 0.981 | 0.641 | 44.3 | 15.4 | 0.488 | 0.953 | 19.7 | 23.3 | 10 |
| 11 | 4.408 | 2.168 | 36.2 B | 9.89 | 1.18 | 0.583 | 18.2 | 11.6 | 0.609 | 0.920 | 12.9 | 18.2 | 11 |
| 12 | 4.278 | 2.128 | 25.3 B | 8.88 | 1.16 | 0.820 | 9.85 | 8.48 | 0.582 | 0.869 | 9.44 | 15.2 | 12 |
| 13 | 4.208 | 2.108 | 18.2 B | 10.7 | 0.876 | 0.806 | 5.82 | 6.21 | 0.778 | 0.811 | 7.48 | 15.8 | 13 |
| 14 | 4.508 | 2.068 | 15.0 B | 8.85 | 0.709 | 0.598 | 3.85 | 2.88 | 0.854 | 0.743 | 8.14 | 14.8 | 14 |
| 15 | 5.188 | 2.088 | 12.4 B | 8.78 | 1.28 | 0.573 | 4.58 | 2.29 | 0.732 | 0.702 | 8.08 | 13.8 | 15 |
| 16 | 8.338 | 2.048 | 11.8 B | 7.71 | 3.18 | 0.820 | 4.43 | 1.82 | 0.682 | 0.700 | 4.28 | 15.1 | 16 |
| 17 | 7.868 | 1.998 | 11.7 | 6.58 | 2.32 | 0.672 | 3.06 | 1.75 | 0.808 | 0.788 | 4.04 | 14.3 | 17 |
| 18 | 8.898 | 1.948 | 13.1 | 5.60 | 1.84 | 0.597 | 2.30 | 2.67 | 0.826 | 0.787 | 4.58 | 12.2 | 18 |
| 19 | 8.228 | 1.938 | 19.8 | 5.01 | 1.63 | 0.568 | 1.89 | 1.80 | 0.895 | 0.824 | 4.72 | 11.3 | 19 |
| 20 | 9.608 | 1.908 | 33.5 | 4.38 | 1.55 | 0.561 | 8.70 | 1.15 | 0.824 | 0.950 | 4.398 | 17.8 | 20 |
| 21 | 4.808 | 1.898 | 46.4 | 3.98 | 1.42 | 0.558 | 18.8 | 1.21 | 1.00 | 0.957 | 4.318 | 55.4 | 21 |
| 22 | 4.208 | 1.888 | 58.7 | 3.67 | 1.30 | 0.898 | 8.32 | 1.07 | 1.18 | 1.02 | 4.368 | 46.8 | 22 |
| 23 | 3.408 | 1.878 | 68.3 | 3.45 | 1.15 | 5.88 | 4.85 | 0.983 | 1.08 | 1.37 | 5.09 | 26.8 | 23 |
| 24 | 3.208 | 1.868 | 71.3 | 3.36 | 1.08 | 7.82 | 3.23 | 0.878 | 0.958 | 2.54 | 9.18 | 18.2 | 24 |
| 25 | 3.008 | 1.858 | 69.3 | 3.85 | 1.03 | 3.70 | 2.48 | 0.807 | 0.828 | 9.13 | 14.7 | 34.8 | 25 |
| 26 | 2.858 | 1.888 | 64.7 | 2.63 | 0.977 | 2.21 | 1.81 | 0.760 | 0.784 | 17.7 | 85.8 | 56.2 | 26 |
| 27 | 2.758 | 1.828 | 54.8 | 2.52 | 0.838 | 1.58 | 1.51 | 0.735 | 0.674 | 20.0 | 69.6 | 35.1 | 27 |
| 28 | 2.688 | 2.088 | 24.5 | 2.61 | 0.706 | 1.25 | 1.32 | 0.718 | 0.618 | 11.4 | 41.5 | 18.8 | 28 |
| 29 | 2.608 | | 18.3 | 2.59 | 0.605 | 0.995 | 1.08 | 0.733 | 0.590 | 14.2 | 30.2 | 12.7.8 | 29 |
| 30 | 2.588 | | 22.4 | 2.33 | 0.782 | 0.858 | 0.955 | 0.715 | 0.840 | 15.1 | 34.6 | 8.048 | 30 |
| 31 | 2.508 | | 43.8 | | 0.828 | | 0.843 | 0.754 | | 11.6 | | 7.518 | 31 |
| TOTAL | 143.98 | 58.67 | 837.00 | 383.50 | 41.451 | 37.881 | 304.808 | 135.378 | 21.373 | 121.469 | 426.98 | 630.08 | TOTAL |
| MEAN | 4.64 | 2.10 | 27.0 | 12.8 | 1.34 | 1.26 | 9.83 | 4.37 | 0.712 | 3.92 | 14.3 | 20.3 | MEAN |
| MAX | 7.86 | 3.48 | 71.3 | 80.7 | 3.15 | 7.82 | 52.2 | 28.0 | 1.18 | 20.0 | 85.8 | 56.2 | MAX |
| MIN | 2.50 | 1.85 | 2.50 | 2.33 | 0.676 | 0.558 | 0.550 | 0.715 | 0.458 | 0.700 | 4.04 | 7.51 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.61
MAXIMUM DAILY, 71.3 ON MAR 24
MINIMUM DAILY, 0.550 ON JUN 21
MAXIMUM INSTANTANEOUS,
78.1 AT 21:48 EST ON NOV 28

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 45 N
LONG 81 16 25 W
DRAINAGE AREA, 848 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 12 400 | JUL | 26 300 |
| FEB | 5 070 | AUG | 11 700 |
| MAR | 72 300 | SEP | 1 850 |
| APR | 33 100 | OCT | 10 500 |
| MAY | 3 580 | NOV | 37 100 |
| JUN | 3 260 | DEC | 54 400 |

TOTAL DISCHARGE, 272 000 dam³

## MIDDLE MAITLAND RIVER NEAR LISTOWEL - STATION NO 02FE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.784 | 0.2318 | 0.225 | 2.73 | 0.162 | 0.138 | 0.062 | 0.018 | 0.025 | 0.034 | 0.287 | 2.92 | 1 |
| 2 | 0.773 | 0.2558 | 0.439 | 2.41 | 0.147 | 0.127 | 0.051 | 1.01 | 0.031 | 0.035 | 0.233 | 1.93 | 2 |
| 3 | 0.6908 | 0.261 | 0.519 | 2.19 | 0.132 | 0.198 | 0.057 | 0.875 | 0.026 | 0.035 | 0.233 | 1.62 | 3 |
| 4 | 0.7908 | 0.246 | 0.770 | 2.23 | 0.132 | 0.131 | 0.049 | 0.333 | 0.025 | 0.030 | 0.214 | 1.14 | 4 |
| 5 | 0.609 | 0.225 | 0.741 | 7.40 | 0.122 | 0.094 | 0.045 | 0.182 | 0.018 | 0.033 | 0.194 | 0.924 | 5 |
| 6 | 0.602 | 0.219 | 0.765 | 5.72 | 0.115 | 0.072 | 0.633 | 0.119 | 0.014 | 0.033 | 0.207 | 0.745 | 6 |
| 7 | 0.629 | 0.219 | 1.21 | 2.93 | 0.121 | 0.086 | 0.557 | 0.089 | 0.018 | 0.044 | 0.182 | 0.618 | 7 |
| 8 | 0.513 | 0.329 | 5.35 | 1.93 | 0.111 | 0.075 | 1.06 | 0.074 | 0.023 | 0.064 | 1.96 | 0.603 | 8 |
| 9 | 0.513 | 0.231 | 5.87 | 1.42 | 0.089 | 0.067 | 4.02 | 0.073 | 0.028 | 0.048 | 3.19 | 1.80 | 9 |
| 10 | 0.486 | 0.191 | 4.46 | 1.11 | 0.091 | 0.074 | 1.05 | 0.091 | 0.027 | 0.041 | 1.81 | 2.32 | 10 |
| 11 | 0.486 | 0.232 | 2.86 | 0.898 | 0.119 | 0.066 | 0.480 | 0.097 | 0.130 | 0.036 | 0.941 | 1.54 | 11 |
| 12 | 0.441 | 0.203 | 1.80 | 0.876 | 0.108 | 0.093 | 0.285 | 0.101 | 0.044 | 0.032 | 0.693 | 1.36 | 12 |
| 13 | 0.474 | 0.1958 | 1.29 | 0.975 | 0.113 | 0.068 | 0.194 | 0.102 | 0.038 | 0.033 | 0.548 | 1.34 | 13 |
| 14 | 0.504 | 0.1908 | 1.05 | 0.815 | 0.481 | 0.053 | 0.363 | 0.088 | 0.034 | 0.037 | 0.464 | 1.20 | 14 |
| 15 | 0.597 | 0.1888 | 1.06 | 0.745 | 0.707 | 0.072 | 0.258 | 0.088 | 0.024 | 0.036 | 0.358 | 1.02 | 15 |
| 16 | 0.851 | 0.1208 | 0.975 | 0.648 | 0.272 | 0.068 | 0.172 | 0.085 | 0.023 | 0.034 | 0.321 | 1.19 | 16 |
| 17 | 0.751 | 0.1308 | 0.837 | 0.558 | 0.190 | 0.086 | 0.123 | 0.134 | 0.029 | 0.039 | 0.518 | 0.855 | 17 |
| 18 | 0.682 | 0.1288 | 1.39 | 0.504 | 0.190 | 0.071 | 0.093 | 0.140 | 0.056 | 0.044 | 0.345 | 0.807 | 18 |
| 19 | 0.531 | 0.214 | 2.52 | 0.427 | 0.182 | 0.063 | 0.219 | 0.113 | 0.036 | 0.039 | 0.375 | 0.758 | 19 |
| 20 | 0.495 | 0.158 | 3.93 | 0.376 | 0.171 | 0.043 | 0.538 | 0.088 | 0.038 | 0.044 | 0.201 | 3.30 | 20 |
| 21 | 0.488 | 0.148 | 5.20 | 0.340 | 0.174 | 0.038 | 0.287 | 0.083 | 0.040 | 0.048 | 0.532 | 5.84 | 21 |
| 22 | 0.4778 | 0.179 | 5.72 | 0.309 | 0.177 | 0.939 | 0.150 | 0.047 | 0.043 | 0.080 | 0.314 | 2.92 | 22 |
| 23 | 0.3388 | 0.115 | 7.81 | 0.314 | 0.151 | 0.810 | 0.098 | 0.038 | 0.039 | 0.133 | 0.235 | 1.89 | 23 |
| 24 | 0.2228 | 0.145 | 7.13 | 0.276 | 0.157 | 0.302 | 0.088 | 0.035 | 0.031 | 0.243 | 0.575 | 1.47 | 24 |
| 25 | 0.2438 | 0.108 | 5.03 | 0.213 | 0.177 | 0.159 | 0.072 | 0.029 | 0.026 | 0.838 | 3.07 | 6.90 | 25 |
| 26 | 0.2988 | 0.127 | 4.16 | 0.182 | 0.181 | 0.113 | 0.061 | 0.030 | 0.022 | 0.469 | 8.83 | 4.89 | 26 |
| 27 | 0.2838 | 0.151 | 3.11 | 0.210 | 0.181 | 0.075 | 0.037 | 0.034 | 0.018 | 0.847 | 3.30 | 2.27 | 27 |
| 28 | 0.2648 | 0.110 | 2.27 | 0.277 | 0.174 | 0.065 | 0.032 | 0.031 | 0.018 | 0.985 | 2.29 | 1.43 | 28 |
| 29 | 0.2528 | | 1.86 | 0.242 | 0.146 | 0.072 | 0.028 | 0.024 | 0.023 | 0.712 | 6.33 | 1.07 | 29 |
| 30 | 0.2558 | | 5.28 | 0.200 | 0.138 | 0.071 | 0.021 | 0.013 | 0.036 | 0.563 | 4.32 | 0.931 | 30 |
| 31 | 0.2348 | | 3.75 | | 0.136 | | 0.018 | 0.014 | | 0.406 | | 0.875 | 31 |
| TOTAL | 15.318 | 5.245 | 91.411 | 38.456 | 5.543 | 4.374 | 11.120 | 4.225 | 0.982 | 5.686 | 42.446 | 58.176 | TOTAL |
| MEAN | 0.494 | 0.187 | 2.95 | 1.32 | 0.179 | 0.146 | 0.359 | 0.136 | 0.033 | 0.183 | 1.41 | 1.88 | MEAN |
| MAX | 0.790 | 0.329 | 7.81 | 7.40 | 0.707 | 0.939 | 4.02 | 1.01 | 0.130 | 0.985 | 8.83 | 6.90 | MAX |
| MIN | 0.222 | 0.108 | 0.225 | 0.182 | 0.091 | 0.038 | 0.018 | 0.013 | 0.014 | 0.030 | 0.182 | 0.603 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.778
MAXIMUM DAILY, 8.83 ON NOV 26
MINIMUM DAILY, 0.013 ON AUG 30
MAXIMUM INSTANTANEOUS,
12.2 AT 02 01 EST ON NOV 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 38 N
LONG 80 58 20 W
DRAINAGE AREA, 77.7 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 320 | JUL | 961 |
| FEB | 453 | AUG | 385 |
| MAR | 7 900 | SEP | 84.8 |
| APR | 3 410 | OCT | 491 |
| MAY | 479 | NOV | 3 670 |
| JUN | 378 | DEC | 5 030 |

TOTAL DISCHARGE, 24 500 dam³

## MIDDLE SEVERN RIVER AT WASHAGO - STATION NO 02EC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17.4 | 4.59E | 4.74 E | 1.89 | 2.85 | 3.02 | 2.88E | 3.45E | 2.02 | 1.17 | 0.885E | 11.8 | 1 |
| 2 | 17.1 | 4.64 | 4.67 | 1.89 | 2.76E | 3.21 | 2.83 | 3.45E | 1.84E | 1.22 E | 0.885 | 11.6 | 2 |
| 3 | 17.1 | 4.58 | 4.67 | 2.08 | 2.68E | 3.31 | 2.83 | 3.45E | 1.86 | 1.27 E | 1.01 | 12.7 | 3 |
| 4 | 17.1 | 4.58 | 4.67 | 2.03E | 2.59 | 3.02 | 2.86E | 3.45 | 1.74 | 1.31 E | 1.17 | 11.9 | 4 |
| 5 | 17.1 | 4.58 | 4.67 | 1.98 | 2.70 | 3.02 | 2.90E | 3.07 | 1.72E | 1.36 | 1.17 | 11.8E | 5 |
| 6 | 5.91 | 4.58 | 4.77 | 2.36 | 2.64 | 3.12E | 2.93 | 3.16 | 1.69E | 1.84 | 0.980 | 11.7E | 6 |
| 7 | 4.75 | 4.58E | 4.77 E | 2.55 | 2.26 | 3.21E | 2.93 | 3.26 | 1.67E | 1.26 | 1.01 E | 11.6 | 7 |
| 8 | 4.77 | 4.58E | 4.87 E | 2.74 | 2.64 | 3.31 | 2.93 | 3.16E | 1.64 | 1.07 | 1.04 E | 11.9 | 8 |
| 9 | 4.77 | 4.58 | 5.00 | 2.84 | 2.70E | 3.02 | 2.93 | 3.07E | 1.64 | 1.64 | 1.07 | 11.9 | 9 |
| 10 | 4.77E | 4.58 | 5.08 | 2.93 | 2.77E | 3.21 | 3.02 | 2.97 | 1.84 | 1.50 E | 7.74 | 12.3 | 10 |
| 11 | 4.77E | 4.58 | 7.58 | 2.90E | 2.83 | 3.12 | 3.08E | 2.74 | 1.84 | 1.36 E | 12.5 | 11.9 | 11 |
| 12 | 4.77 | 4.58 | 13.7 | 2.67E | 2.45 | 3.21 | 3.15E | 2.74 | 1.84E | 1.21 E | 12.5 | 11.9E | 12 |
| 13 | 4.68 | 4.58 | 16.9 | 2.84 | 2.84 | 3.12E | 3.21 | 2.84 | 1.84E | 1.07 | 12.7 | 12.1E | 13 |
| 14 | 4.77 | 4.55E | 16.9 E | 3.03 | 2.99 | 3.02E | 3.21 | 2.84 | 1.84 | 1.36 | 12.8 E | 11.1 | 14 |
| 15 | 4.77 | 4.52E | 16.9 E | 3.22 | 2.36 | 2.93 | 3.12 | 3.88E | 1.55 | 1.07 | 12.4 E | 12.3 | 15 |
| 16 | 4.77 | 4.49 | 16.9 | 3.31 | 2.43E | 3.02 | 3.12 | 2.88E | 1.55 | 0.980 | 12.3 | 13.5 | 16 |
| 17 | 4.77E | 4.49 | 16.9 | 3.20E | 2.50E | 2.83 | 3.31 | 2.88 | 1.45 | 1.04 E | 12.5 | 13.5 | 17 |
| 18 | 4.77E | 4.49 | 16.9 | 3.08E | 2.57E | 2.93 | 3.37E | 2.78 | 1.26 | 1.11 E | 12.5 | 13.5 | 18 |
| 19 | 4.77 | 4.49 | 16.9 | 2.97E | 2.64 | 2.93 | 3.44E | 2.69 | 1.32E | 1.17 | 12.7 | 13.7E | 19 |
| 20 | 4.77 | 4.49 | 16.9 | 2.86E | 2.83 | 2.90E | 3.50 | 2.50 | 1.39E | 0.980 | 12.5 E | 13.8E | 20 |
| 21 | 4.77 | 4.49E | 14.4 E | 2.74 | 2.83 | 2.86E | 3.23 | 2.50 | 1.45 | 0.505 | 12.3 E | 14.0 | 21 |
| 22 | 4.77 | 4.49E | 10.1 E | 2.93 | 3.12 | 2.83 | 3.21 | 2.31E | 1.55 | 0.800 | 12.1 E | 14.0 | 22 |
| 23 | 4.77 | 4.49 | 4.42 | 3.12 | 2.96E | 2.74 | 3.02 | 2.12E | 1.55 | 0.980 | 11.9 | 14.0 | 23 |
| 24 | 4.74E | 4.49 | 0.370 | 2.53 | 2.80E | 2.87 | 3.21 | 1.93 | 1.36 | 0.948E | 11.9 | 14.0 | 24 |
| 25 | 4.71E | 4.49 | 0.560 | 2.73E | 2.64 | 2.83 | 3.08E | 2.12 | 1.26 | 0.917E | 11.2 | 14.0E | 25 |
| 25 | 4.68 | 4.49 | 0.845 | 2.93E | 2.64 | 3.02 | 2.96E | 2.12 | 1.33E | 0.885 | 11.4 | 14.0E | 26 |
| 27 | 4.68 | 4.45 | 0.940 | 3.13 | 2.83 | 3.05E | 2.83 | 1.83 | 1.41E | 0.880 | 11.9 | 14.0E | 27 |
| 28 | 4.77 | 4.62E | 1.07 E | 3.11 | 2.83 | 3.09E | 3.14 | 1.93 | 1.48E | 1.07 | 12.0 E | 17.1 | 28 |
| 29 | 4.68 | | 1.18 E | 2.90 | 2.83 | 3.12 | 3.54 | 1.96E | 1.55 | 0.885 | 12.2 E | 20.2 | 29 |
| 30 | 4.49 | | 1.32 | 2.59 | 2.89E | 2.93 | 3.92 | 1.99E | 1.64 | 0.885 | 12.3 | 20.2 | 30 |
| 31 | 4.54E | | 1.41 | | 2.95E | | 3.45 | 2.02 | | 0.885E | | 20.9 | 31 |
| TOTAL | 213.98 | 127.18 | 241.825 | 82.27 | 84.16 | 90.80 | 97.14 | 83.35 | 46.92 | 34.330 | 261.360 | 423.1 | TOTAL |
| MEAN | 6.90 | 4.54 | 7.80 | 2.74 | 2.71 | 3.03 | 3.13 | 2.69 | 1.56 | 1.11 | 8.71 | 13.6 | MEAN |
| MAX | 17.4 | 4.64 | 16.9 | 3.31 | 3.12 | 3.31 | 3.92 | 3.45 | 2.02 | 1.64 | 12.7 | 20.9 | MAX |
| MIN | 4.49 | 4.49 | 0.370 | 1.89 | 2.26 | 2.74 | 2.83 | 1.93 | 1.26 | 0.505 | 0.885 | 11.1 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.39
MAXIMUM DAILY, 20.9 ON DEC 31
MINIMUM DAILY, 0.370 ON MAR 24

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 56 N
LONG 79 19 57 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 18 500 | JUL | 8 380 |
| FEB | 11 000 | AUG | 7 200 |
| MAR | 20 900 | SEP | 4 050 |
| APR | 7 110 | OCT | 2 970 |
| MAY | 7 270 | NOV | 22 600 |
| JUN | 7 850 | DEC | 36 600 |

TOTAL DISCHARGE, 154 000 dam³

## MIDDLE THAMES RIVER AT THAMESFORD - STATION NO 02GD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.91 | 1.368 | 2.808 | 12.3 | 1.66 | 25.0 | 0.661 | 0.440 | 0.481 | 0.707 | 1.26 | 7.04 | 1 |
| 2 | 3.83 | 1.328 | 11.0 B | 10.3 | 1.58 | 11.8 | 0.639 | 0.697 | 0.483 | 0.703 | 1.19 | 5.15 | 2 |
| 3 | 3.40 | 1.298 | 9.008 | 9.18 | 1.47 | 6.37 | 0.797 | 0.814 | 0.473 | 0.782 | 1.16 | 4.11 | 3 |
| 4 | 2.89 | 1.268 | 6.008 | 9.90 | 1.37 | 4.01 | 2.46 | 0.616 | 0.448 | 0.785 | 1.10 | 3.51 | 4 |
| 5 | 2.87 | 1.248 | 4.808 | 31.4 | 1.34 | 2.92 | 1.23 | 0.546 | 0.419 | 0.718 | 1.09 | 2.96 | 5 |
| 6 | 2.84 | 1.228 | 4.808 | 39.1 | 1.31 | 2.29 | 0.887 | 0.514 | 0.417 | 0.701 | 1.11 | 2.84 | 6 |
| 7 | 2.92 | 1.248 | 12.0 B | 21.2 | 1.27 | 1.82 | 1.00 | 0.501 | 0.438 | 0.695 | 1.19 | 2.32 | 7 |
| 8 | 2.80 | 1.288 | 34.0 B | 12.2 | 1.22 | 1.84 | 0.934 | 0.485 | 0.445 | 0.787 | 2.46 | 2.31 | 8 |
| 9 | 2.74 | 1.348 | 36.0 B | 8.11 | 1.20 | 1.58 | 2.26 | 1.97 | 0.440 | 0.784 | 2.85 | 5.11 | 9 |
| 10 | 2.81 | 1.308 | 19.0 B | 6.12 | 1.15 | 1.34 | 1.14 | 2.25 | 0.419 | 0.734 | 2.26 | 8.55 | 10 |
| 11 | 2.74 | 1.278 | 11.0 B | 4.98 | 1.14 | 1.19 | 1.48 | 0.912 | 0.551 | 0.685 | 1.75 | 6.04 | 11 |
| 12 | 2.58 | 1.238 | 7.28 | 7.47 | 1.10 | 1.18 | 1.04 | 0.730 | 0.723 | 0.671 | 1.49 | 5.26 | 12 |
| 13 | 2.44 | 1.218 | 5.00 | 16.3 | 1.03 | 1.12 | 0.881 | 0.639 | 1.84 | 0.706 | 1.35 | 5.13 | 13 |
| 14 | 2.50 | 1.198 | 4.34 | 10.4 | 1.08 | 1.05 | 5.80 A | 0.584 | 0.857 | 0.858 | 1.24 | 4.56 | 14 |
| 15 | 5.48 | 1.188 | 4.10 | 7.88 | 1.34 | 0.973 | 2.84 | 0.566 | 0.787 | 0.835 | 1.12 | 7.80 | 15 |
| 16 | 8.33 | 1.188 | 4.73 | 6.12 | 1.16 | 0.889 | 1.58 | 0.548 | 0.881 | 0.851 | 1.05 | 14.8 | 16 |
| 17 | 5.958 | 1.138 | 5.17 | 4.88 | 1.07 | 0.815 | 1.08 | 0.728 | 0.721 | 0.868 | 1.07 | 9.17 | 17 |
| 18 | 3.108 | 1.118 | 8.20 | 4.11 | 1.07 | 0.785 | 0.898 | 0.584 | 0.748 | 0.884 | 1.12 | 8.47 | 18 |
| 19 | 2.808 | 1.108 | 8.26 | 3.58 | 1.14 | 0.744 | 0.785 | 0.518 | 0.783 | 0.880 | 1.05 | 5.46 | 19 |
| 20 | 2.308 | 1.098 | 9.18 | 3.18 | 1.13 | 0.728 | 0.897 | 0.493 | 0.748 | 0.858 | 0.8428 | 19.7 | 20 |
| 21 | 2.158 | 1.088 | 9.03 | 2.93 | 1.10 | 0.733 | 0.841 | 0.467 | 0.857 | 0.897 | 0.8508 | 38.5 | 21 |
| 22 | 2.058 | 1.078 | 8.58 | 2.84 | 1.04 | 0.892 | 0.595 | 0.498 | 1.04 | 0.776 | 0.938 | 18.9 | 22 |
| 23 | 1.928 | 1.068 | 8.43 | 2.81 | 1.03 | 0.985 | 0.586 | 0.488 | 0.904 | 1.09 | 0.973 | 10.8 | 23 |
| 24 | 1.858 | 1.058 | 7.38 | 2.84 | 0.978 | 0.807 | 0.582 | 0.445 | 0.771 | 1.20 | 1.04 | 8.17 | 24 |
| 25 | 1.758 | 1.048 | 6.74 | 2.27 | 0.853 | 0.741 | 0.611 | 0.422 | 0.703 | 2.82 | 7.17 | 12.8 | 25 |
| 26 | 1.668 | 1.038 | 9.06 | 2.00 | 0.832 | 0.770 | 0.803 | 0.452 | 0.687 | 1.73 | 26.0 | 12.7 | 26 |
| 27 | 1.588 | 1.028 | 7.91 | 2.01 | 0.813 | 0.778 | 0.521 | 0.588 | 0.838 | 2.32 | 13.8 | 7.86 | 27 |
| 28 | 1.528 | 1.018 | 6.23 | 2.21 | 0.853 | 0.714 | 0.503 | 0.543 | 0.653 | 4.00 | 7.35 | 5.32 | 28 |
| 29 | 1.488 | | 5.26 | 2.05 | 1.19 | 0.707 | 0.482 | 0.520 | 0.884 | 2.82 | 5.42 | 3.888 | 29 |
| 30 | 1.438 | | 12.3 | 1.85 | 3.89 | 0.678 | 0.486 | 0.460 | 0.887 | 1.86 | 9.98 | 3.128 | 30 |
| 31 | 1.388 | | 16.0 | | 51.3 | | 0.443 | 0.475 | | 1.51 | | 2.89 | 31 |
| TOTAL | 87.21 | 32.88 | 303.40 | 251.85 | 89.120 | 76.204 | 35.192 | 20.478 | 20.628 | 34.285 | 104.423 | 255.85 | TOTAL |
| MEAN | 2.81 | 1.17 | 9.78 | 8.39 | 2.87 | 2.54 | 1.14 | 0.661 | 0.688 | 1.11 | 3.48 | 8.25 | MEAN |
| MAX | 8.33 | 1.36 | 36.0 | 39.1 | 51.3 | 25.0 | 5.80 | 2.25 | 1.84 | 4.00 | 26.0 | 39.5 | MAX |
| MIN | 1.39 | 1.01 | 2.80 | 1.85 | 0.913 | 0.675 | 0.443 | 0.422 | 0.417 | 0.635 | 0.850 | 2.31 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.59
MAXIMUM DAILY, 51.3 ON MAY 31
MINIMUM DAILY, 0.417 ON SEP 6
MAXIMUM INSTANTANEOUS,
83.9 AT 04:05 EST ON MAY 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 03 32 N
LONG 80 58 18 W
DRAINAGE AREA, 305 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 530 | JUL | 3 040 |
| FEB | 2 840 | AUG | 1 770 |
| MAR | 26 200 | SEP | 1 780 |
| APR | 21 700 | OCT | 2 960 |
| MAY | 7 700 | NOV | 9 020 |
| JUN | 6 580 | DEC | 22 100 |

TOTAL DISCHARGE, 113 000 dam³

## MILLHAVEN CREEK NEAR MILLHAVEN - STATION NO. 02HM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.93 | 0.6368 | 0.9188 | 9.35 | 0.973 | 0.186 | 0.302 | 0.338 | 0.386 | 1.19 | 0.880 | 11.1 | 1 |
| 2 | 2.62 | 0.6278 | 2.88 B | 8.98 | 0.749 | 0.183 | 0.329 | 0.328 | 0.360 | 1.06 | 0.867 | 10.0 | 2 |
| 3 | 2.36 | 0.6188 | 3.91 B | 8.79 | 0.732 | 0.184 | 0.407 | 0.347 | 0.355 | 1.15 | 0.915 | 9.06 | 3 |
| 4 | 1.98 B | 0.6098 | 3.85 B | 11.7 | 0.575 | 0.113 | 0.385 | 0.340 | 0.393 | 1.18 | 0.923 | 8.85 | 4 |
| 5 | 1.81 B | 0.6008 | 3.69 B | 13.3 | 0.255 | 0.180 | 0.400 | 0.308 | 0.378 | 1.06 | 1.03 | 7.988 | 5 |
| 6 | 1.81 B | 0.5918 | 3.62 B | 12.3 | 0.212 | 0.191 | 0.386 | 0.304 | 0.385 | 1.04 | 1.12 | 6.988 | 6 |
| 7 | 1.83 | 0.5838 | 6.31 B | 10.9 | 0.194 | 0.187 | 0.333 | 0.292 | 0.348 | 1.46 | 1.08 | 6.488 | 7 |
| 8 | 1.78 | 0.5768 | 13.2 B | 9.67 | 0.219 | 0.266 | 0.317 | 0.285 | 0.554 | 1.73 | 1.37 | 5.878 | 8 |
| 9 | 1.56 B | 0.5698 | 10.9 B | 8.69 | 0.218 | 0.203 | 0.223 | 0.317 | 0.667 | 1.54 | 2.27 | 6.02 | 9 |
| 10 | 1.71 | 0.5628 | 8.40 B | 7.87 | 0.186 | 0.145 | 0.178 | 0.317 | 0.684 | 1.41 | 2.30 | 6.09 | 10 |
| 11 | 1.66 | 0.5558 | 6.31 B | 6.56 | 0.199 | 0.105 | 0.178 | 0.299 | 0.611 | 1.48 | 2.21 | 5.78 | 11 |
| 12 | 1.58 | 0.5488 | 4.24 B | 5.27 | 0.192 | 0.078 | 0.189 | 0.281 | 0.637 | 1.37 | 1.98 | 5.55 | 12 |
| 13 | 1.53 | 0.5418 | 3.85 B | 5.12 | 0.186 | 0.190 | 0.186 | 0.275 | 0.680 | 1.22 | 1.77 | 5.33 | 13 |
| 14 | 1.35 B | 0.5348 | 3.33 B | 5.33 | 0.181 | 0.190 | 0.186 | 0.258 | 0.686 | 1.03 | 1.74 | 4.88 | 14 |
| 15 | 1.44 | 0.5278 | 2.90 B | 4.89 | 0.231 | 0.152 | 0.128 | 0.243 | 0.763 | 1.12 | 1.69 | 4.67 | 15 |
| 16 | 1.33 | 0.5208 | 2.95 B | 3.30 | 0.157 | 0.211 | 0.130 | 0.256 | 0.699 | 1.16 | 1.67 | 4.75 | 16 |
| 17 | 1.19 B | 0.5068 | 3.05 B | 2.88 | 0.146 | 0.199 | 0.108 | 0.244 | 0.803 | 0.889 | 1.55 | 4.65 | 17 |
| 18 | 1.13 B | 0.5008 | 3.52 | 2.84 | 0.090 | 0.175 | 0.236 | 0.240 | 0.922 | 0.833 | 3.01 | 4.088 | 18 |
| 19 | 1.07 B | 0.4958 | 3.78 | 2.84 | 0.085 | 0.153 | 0.262 | 0.229 | 0.958 | 0.821 | 3.25 | 3.998 | 19 |
| 20 | 1.01 B | 0.4908 | 3.74 | 2.41 | 0.153 | 0.153 | 0.261 | 0.302 | 1.18 | 0.829 | 3.03 B | 4.64 | 20 |
| 21 | 0.9708 | 0.4888 | 3.85 | 2.06 | 0.159 | 0.141 | 0.246 | 0.340 | 1.28 | 0.842 | 2.95 B | 5.03 | 21 |
| 22 | 0.9308 | 0.4828 | 4.47 | 1.72 | 0.244 | 0.184 | 0.201 | 0.376 | 1.20 | 0.796 | 2.83 B | 5.57 | 22 |
| 23 | 0.8908 | 0.4768 | 4.84 | 1.62 | 0.232 | 0.225 | 0.178 | 0.327 | 1.14 | 0.791 | 2.70 B | 5.30 | 23 |
| 24 | 0.8508 | 0.4748 | 5.06 | 1.55 | 0.244 | 0.151 | 0.308 | 0.321 | 1.23 | 0.794 | 2.62 | 4.98 | 24 |
| 25 | 0.8108 | 0.4708 | 5.20 | 1.47 | 0.236 | 0.078 | 0.315 | 0.326 | 1.21 | 0.745 | 3.02 | 5.31 | 25 |
| 26 | 0.7708 | 0.4688 | 5.63 | 1.42 | 0.218 | 0.314 | 0.308 | 0.306 | 1.14 | 0.843 | 3.68 | 5.58 | 26 |
| 27 | 0.7408 | 0.4638 | 5.83 | 1.30 | 0.216 | 0.327 | 0.381 | 0.331 | 1.17 | 0.817 | 3.25 | 5.11 | 27 |
| 28 | 0.7108 | 0.4608 | 5.83 | 1.21 | 0.207 | 0.314 | 0.312 | 0.335 | 1.12 | 0.868 | 2.74 | 3.998 | 28 |
| 29 | 0.6808 | | 5.76 | 1.14 | 0.181 | 0.330 | 0.313 | 0.458 | 1.08 | 0.826 | 8.33 | 3.088 | 29 |
| 30 | 0.6508 | | 5.94 | 1.08 | 0.171 | 0.327 | 0.323 | 0.346 | 1.18 | 0.905 | 13.8 | 2.658 | 30 |
| 31 | 0.6458 | | 5.37 | | 0.178 | | 0.323 | 0.352 | | 0.875 | | 2.708 | 31 |
| TOTAL | 42.445 | 14.988 | 157.528 | 159.16 | 8.189 | 5.841 | 8.293 | 9.619 | 24.123 | 32.784 | 80.575 | 177.26 | TOTAL |
| MEAN | 1.37 | 0.535 | 5.08 | 5.31 | 0.264 | 0.195 | 0.268 | 0.310 | 0.804 | 1.06 | 2.69 | 5.72 | MEAN |
| MAX | 2.93 | 0.636 | 13.2 | 13.3 | 0.973 | 0.330 | 0.407 | 0.458 | 1.28 | 1.73 | 13.8 | 11.1 | MAX |
| MIN | 0.645 | 0.460 | 0.918 | 1.09 | 0.085 | 0.078 | 0.108 | 0.229 | 0.348 | 0.745 | 0.867 | 2.70 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.97
MAXIMUM DAILY, 13.8 ON NOV 30
MINIMUM DAILY, 0.078 ON JUN 12
MAXIMUM INSTANTANEOUS,
18.0 AT 22:57 EST ON NOV 29

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 13 34 N
LONG 76 45 30 W
DRAINAGE AREA 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 670 | JUL | 717 |
| FEB | 1 250 | AUG | 831 |
| MAR | 13 600 | SEP | 2 080 |
| APR | 13 800 | OCT | 2 830 |
| MAY | 706 | NOV | 6 980 |
| JUN | 505 | DEC | 15 300 |

TOTAL DISCHARGE, 62 300 dam³

## MIMICO CREEK AT ISLINGTON - STATION NO 02HC033

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.365 | 0.2208 | 7.38 B | 2.15 | 0.175 | 0.580 | 0.148 | 0.129 | 0.283 | 0.186 | 0.113 | 0.718 | 1 |
| 2 | 0.3508 | 0.2408 | 4.76 | 3.58 | 0.158 | 0.314 | 0.182 | 2.23 | 0.217 | 0.181 | 0.114 | 0.406 | 2 |
| 3 | 0.3318 | 0.9708 | 0.9548 | 2.11 | 0.133 | 0.198 | 0.349 | 0.688 | 0.149 | 0.166 | 0.293 | 0.341 | 3 |
| 4 | 0.2398 | 0.6098 | 0.5068 | 3.61 | 0.127 | 0.155 | 0.311 | 0.214 | 0.146 | 0.136 | 0.240 | 0.385 | 4 |
| 5 | 0.2408 | 0.3318 | 0.535 | 7.03 | 0.155 | 0.188 | 0.145 | 0.171 | 0.131 | 0.136 | 0.153 | 0.237 | 5 |
| 6 | 0.2458 | 0.2478 | 1.27 | 4.80 | 0.160 | 0.146 | 0.706 | 0.159 | 0.103 | 0.223 | 0.153 | 0.188 | 6 |
| 7 | 0.2508 | 0.3658 | 3.37 | 4.03 | 0.159 | 0.476 | 0.450 | 0.574 | 0.113 | 1.24 | 0.147 | 0.166 | 7 |
| 8 | 0.2408 | 0.5408 | 2.92 E | 0.940 | 0.163 | 0.285 | 0.343 | 0.194 | 0.456 | 0.753 | 0.435 | 0.211 | 8 |
| 9 | 0.2308 | 0.4208 | 1.37 E | 0.587 | 0.152 | 0.173 | 2.86 | 2.82 | 0.367 | 0.208 | 0.777 | 1.43 | 9 |
| 10 | 0.380 | 0.3508 | 0.3808 | 0.450 | 0.127 | 0.131 | 0.714 | 0.748 | 0.169 | 0.185 | 0.192 | 0.743 | 10 |
| 11 | 0.466 | 0.2708 | 0.333 | 0.365 | 0.284 | 0.136 | 0.202 | 0.252 | 0.656 | 0.124 | 0.160 | 0.323 | 11 |
| 12 | 0.429 | 0.2208 | 0.283 | 1.80 | 0.207 | 0.225 | 0.115 | 0.206 | 0.870 | 0.128 | 0.165 | 0.612 | 12 |
| 13 | 0.470 | 0.1608 | 0.256 | 1.31 | 0.157 | 0.265 | 0.498 | 0.163 | 3.35 | 0.115 | 0.159 | 0.340 | 13 |
| 14 | 0.494 | 0.1208 | 0.225 | 0.507 | 0.501 | 0.200 | 2.99 | 0.194 | 0.842 | 0.142 | 0.131 | 0.216 | 14 |
| 15 | 1.16 | 0.0808 | 0.191 | 0.573 | 0.827 | 0.109 | 0.448 | 0.181 | 0.231 | 0.149 | 0.108 | 2.07 | 15 |
| 16 | 0.715 | 0.1018 | 0.186 | 0.388 | 0.173 | 0.121 | 0.183 | 0.148 | 0.183 | 0.142 | 0.113 | 2.30 | 16 |
| 17 | 0.3248 | 0.1108 | 0.192 | 0.304 | 0.124 | 0.126 | 0.158 | 0.208 | 1.54 | 0.519 | 0.535 | 0.751 | 17 |
| 18 | 0.2608 | 0.1208 | 0.196 | 0.271 | 0.118 | 0.132 | 0.125 | 0.203 | 1.97 | 0.380 | 1.57 | 0.379 | 18 |
| 19 | 0.2198 | 0.1408 | 0.216 | 0.237 | 0.118 | 0.138 | 0.258 | 0.185 | 1.49 | 0.156 | 0.250 | 0.273 | 19 |
| 20 | 0.2308 | 0.1608 | 0.223 | 0.234 | 0.278 | 0.133 | 8.05 | 0.150 | 1.81 | 0.165 | 0.214 | 7.10 | 20 |
| 21 | 0.2508 | 0.2008 | 0.221 | 0.258 | 0.222 | 0.123 | 0.478 | 0.143 | 3.43 | 0.214 | 0.125 | 2.79 | 21 |
| 22 | 0.2408 | 0.2208 | 0.206 | 0.229 | 0.235 | 8.16 | 0.240 | 0.141 | 0.866 | 0.318 | 0.112 | 0.784 | 22 |
| 23 | 0.2108 | 0.2508 | 0.232 | 0.313 | 0.331 | 0.827 | 0.185 | 0.104 | 0.588 | 1.32 | 0.117 | 0.493 | 23 |
| 24 | 0.1808 | 0.2858 | 0.260 | 0.263 | 0.160 | 0.280 | 0.907 | 0.088 | 0.280 | 1.24 | 0.138 | 0.374 | 24 |
| 25 | 0.1458 | 0.2708 | 0.433 | 0.198 | 0.137 | 0.212 | 0.809 | 0.125 | 0.211 | 0.926 | 7.07 | 1.68 | 25 |
| 26 | 0.1658 | 0.2808 | 0.836 | 0.189 | 0.941 | 1.01 | 0.184 | 0.135 | 0.172 | 0.229 | 4.90 | 0.598 | 26 |
| 27 | 0.1808 | 0.2508 | 0.425 | 0.321 | 2.21 | 1.08 | 0.168 | 0.165 | 0.272 | 1.36 | 0.940 | 0.261 | 27 |
| 28 | 0.1808 | 0.3008 | 0.321 | 0.391 | 0.620 | 0.171 | 0.145 | 0.219 | 1.02 | 0.546 | 0.511 | 0.182 | 28 |
| 29 | 0.1988 |  | 0.267 | 0.229 | 0.189 | 0.130 | 0.163 | 0.413 | 0.310 | 0.235 | 4.92 | 0.107 | 29 |
| 30 | 0.2008 |  | 1.98 | 0.205 | 0.180 | 0.140 | 0.695 | 0.144 | 0.269 | 0.203 | 2.32 | 0.127 | 30 |
| 31 | 0.2608 |  | 1.58 |  | 0.855 |  | 0.196 | 0.788 |  | 0.156 |  | 0.137 | 31 |
| TOTAL | 9.808 | 7.808 | 32.507 | 37.462 | 10.178 | 14.384 | 24.312 | 12.304 | 22.294 | 12.181 | 27.172 | 26.708 | TOTAL |
| MEAN | 0.316 | 0.279 | 1.05 | 1.25 | 0.328 | 0.479 | 0.784 | 0.397 | 0.743 | 0.393 | 0.906 | 0.862 | MEAN |
| MAX | 1.16 | 0.970 | 7.38 | 7.03 | 2.21 | 8.16 | 8.05 | 2.83 | 3.43 | 1.36 | 7.07 | 7.10 | MAX |
| MIN | 0.145 | 0.080 | 0.186 | 0.169 | 0.118 | 0.109 | 0.115 | 0.088 | 0.103 | 0.115 | 0.108 | 0.107 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.650
MAXIMUM DAILY, 8.05 ON JUL 20
MINIMUM DAILY, 0.0808 ON FEB 15
MAXIMUM INSTANTANEOUS,
33.6 AT 01:53 EST ON JUL 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 50 N
LONG 79 31 10 W
DRAINAGE AREA, 70.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 847 | JUL | 2 100 |
| FEB | 675 | AUG | 1 060 |
| MAR | 2 810 | SEP | 1 930 |
| APR | 3 240 | OCT | 1 050 |
| MAY | 879 | NOV | 2 350 |
| JUN | 1 240 | DEC | 2 310 |

TOTAL DISCHARGE, 20 500 dam³

## MISSINAIBI RIVER AT MATTICE - STATION NO 04LJ001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25.08 | 15.28 | 11.78 | 16.98 | 160 | 112 | 48.8 | 81.1 | 28.4 | 27.9 | 80.8 | 75.58 | 1 |
| 2 | 24.58 | 15.08 | 11.68 | 17.38 | 148 | 117 | 41.8 | 70.6 | 27.3 | 30.3 | 80.2 | 75.08 | 2 |
| 3 | 24.08 | 14.98 | 11.68 | 17.78 | 135 | 124 | 39.7 | 71.9 | 26.6 | 33.1 | 80.5 | 74.58 | 3 |
| 4 | 23.58 | 14.78 | 11.58 | 17.98 | 124 | 125 | 47.8 | 126 | 27.2 | 35.4 | 84.4 | 74.08 | 4 |
| 5 | 23.08 | 14.58 | 11.58 | 18.08 | 114 | 111 | 48.4 | 183 | 26.2 | 37.9 | 89.8 | 71.08 | 5 |
| 6 | 22.68 | 14.48 | 11.58 | 18.08 | 105 | 97.2 | 42.4 | 169 | 25.7 | 42.2 | 71.2 | 68.08 | 6 |
| 7 | 22.28 | 14.38 | 11.58 | 18.28 | 98.1 | 85.9 | 36.6 | 141 | 24.1 | 44.5 | 70.1 | 61.08 | 7 |
| 8 | 21.88 | 14.18 | 11.48 | 18.88 | 91.9 | 77.8 | 32.4 | 118 | 23.2 | 45.8 | 67.5 | 57.58 | 8 |
| 9 | 21.48 | 14.08 | 11.48 | 22.08 | 86.3 | 73.4 | 28.3 | 98.5 | 22.0 | 48.1 | 62.4 | 56.08 | 9 |
| 10 | 21.08 | 13.88 | 11.48 | 25.28 | 81.8 | 68.6 | 35.0 | 85.5 | 21.1 | 50.0 | 59.58 | 55.08 | 10 |
| 11 | 20.68 | 13.78 | 11.38 | 31.08 | 78.7 | 63.9 | 50.3 | 85.3 | 20.2 | 48.9 | 56.58 | 54.58 | 11 |
| 12 | 20.38 | 13.68 | 11.38 | 70.08 | 76.2 | 62.3 | 80.2 | 75.3 | 19.7 | 48.4 | 53.58 | 54.58 | 12 |
| 13 | 19.98 | 13.58 | 11.38 | 185 B | 73.7 | 67.4 | 71.7 | 66.9 | 19.5 | 48.8 | 51.5 | 54.78 | 13 |
| 14 | 19.68 | 13.48 | 11.38 | 270 B | 70.9 | 73.5 | 62.5 | 61.5 | 20.6 | 50.8 | 49.8 | 54.58 | 14 |
| 15 | 19.28 | 13.38 | 11.28 | 300 B | 68.5 | 78.3 | 57.1 | 57.6 | 23.4 | 55.9 | 48.08 | 54.28 | 15 |
| 16 | 18.88 | 13.18 | 11.28 | 330 B | 66.2 | 72.3 | 65.1 | 53.8 | 27.5 | 58.1 | 47.7 | 54.08 | 16 |
| 17 | 18.58 | 13.08 | 11.28 | 370 B | 62.8 | 65.7 | 76.7 | 50.4 | 30.7 | 64.2 | 58.0 | 53.58 | 17 |
| 18 | 18.28 | 12.88 | 11.38 | 456 | 59.1 | 58.9 | 87.3 | 47.2 | 31.3 | 75.4 | 111 | 52.28 | 18 |
| 19 | 17.88 | 12.78 | 11.38 | 494 | 57.1 | 53.0 | 63.1 | 43.7 | 30.8 | 80.7 | 148 | 50.88 | 19 |
| 20 | 17.58 | 12.68 | 11.48 | 496 | 54.0 | 48.9 | 78.3 | 42.0 | 29.6 | 82.9 | 153 | 49.58 | 20 |
| 21 | 17.38 | 12.58 | 11.48 | 471 | 51.8 | 44.6 | 101 | 41.5 | 28.8 | 83.2 | 142 B | 48.08 | 21 |
| 22 | 17.18 | 12.48 | 11.38 | 427 | 57.8 | 40.6 | 106 | 40.4 | 27.6 | 80.1 | 130 B | 46.08 | 22 |
| 23 | 16.98 | 12.38 | 11.38 | 376 | 71.6 | 36.9 | 150 | 39.3 | 27.8 | 74.8 | 120 B | 44.88 | 23 |
| 24 | 16.78 | 12.28 | 11.48 | 325 | 100 | 34.7 | 326 | 38.7 | 28.0 | 68.0 | 111 B | 43.28 | 24 |
| 25 | 16.58 | 12.18 | 11.68 | 279 | 127 | 38.2 | 389 | 39.1 | 28.4 | 64.0 | 103 B | 41.88 | 25 |
| 26 | 16.38 | 12.08 | 12.28 | 242 | 134 | 51.7 | 307 | 39.7 | 28.0 | 58.9 | 95.08 | 40.08 | 26 |
| 27 | 16.18 | 12.08 | 12.88 | 214 | 129 | 84.0 | 243 | 38.2 | 26.8 | 56.3 | 89.58 | 38.58 | 27 |
| 28 | 15.98 | 11.98 | 13.78 | 196 | 123 | 63.6 | 186 | 35.9 | 25.8 | 56.9 | 84.08 | 37.08 | 28 |
| 29 | 15.78 |  | 14.88 | 183 | 126 | 57.9 | 145 | 33.5 | 25.5 | 58.4 | 79.08 | 35.58 | 29 |
| 30 | 15.58 |  | 15.58 | 173 | 124 | 52.8 | 117 | 31.3 | 26.6 | 59.9 | 76.58 | 34.08 | 30 |
| 31 | 15.48 |  | 16.28 |  | 117 |  | 96.7 | 29.7 |  | 60.8 |  | 33.08 | 31 |
| TOTAL | 598.8 | 374.0 | 370.1 | 6 079.0 | 2 972.3 | 2 118.9 | 3 258.2 | 2 139.6 | 774.2 | 1 731.4 | 2 452.5 | 1 840.1 | TOTAL |
| MEAN | 19.3 | 13.4 | 11.9 | 203 | 95.9 | 70.6 | 105 | 69.0 | 25.9 | 55.9 | 81.8 | 59.9 | MEAN |
| MAX | 25.0 | 15.2 | 16.2 | 496 | 180 | 125 | 389 | 183 | 31.3 | 83.2 | 153 | 75.5 | MAX |
| MIN | 15.4 | 11.9 | 11.2 | 15.9 | 51.8 | 34.7 | 26.3 | 29.7 | 18.5 | 27.9 | 47.7 | 33.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.2
MAXIMUM DAILY, 496 ON APR 20
MINIMUM DAILY, 11.28 ON MAR 15
MAXIMUM INSTANTANEOUS,
501 AT 00:48 EST ON APR 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 00 N
LONG 83 15 48 W
DRAINAGE AREA, 8 940 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 51 700 | JUL | 282 000 |
| FEB | 32 300 | AUG | 185 000 |
| MAR | 32 000 | SEP | 67 200 |
| APR | 525 000 | OCT | 150 000 |
| MAY | 257 000 | NOV | 212 000 |
| JUN | 183 000 | DEC | 142 000 |

TOTAL DISCHARGE, 2 120 000 dam³

## MISSINAIBI RIVER BELOW WABOOSE RIVER - STATION NO 04LM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 43.0B | 27.8B | 22.0B | 34.0B | 460 | 336 | 115 | 215 | 123 | 316 | 198 | 200 B | 1 |
| 2 | 42.0B | 27.5B | 21.8B | 34.5B | 429 | 309 | 105 | 186 | 121 | 358 | 196 | 188 B | 2 |
| 3 | 41.5B | 27.0B | 21.7B | 35.8B | 381 | 289 | 95.9 | 174 | 116 | 389 | 193 | 179 B | 3 |
| 4 | 41.0B | 26.9B | 21.6B | 36.5B | 339 | 279 | 88.5 | 171 | 109 | 402 | 205 | 170 B | 4 |
| 5 | 40.0B | 26.7B | 21.5B | 37.0B | 303 | 285 | 84.6 | 177 | 103 | 377 | 224 | 162 B | 5 |
| 6 | 39.5B | 26.4B | 21.3B | 36.0B | 275 | 265 | 90.9 | 244 | 105 | 341 | 241 | 155 B | 6 |
| 7 | 39.0B | 26.2B | 21.2B | 38.5B | 248 | 244 | 94.6 | 266 | 113 | 315 | 228 | 150 B | 7 |
| 8 | 38.3B | 26.0B | 21.1B | 40.0B | 227 | 235 | 85.7 | 236 | 119 | 296 | 205 | 143 B | 8 |
| 9 | 37.8B | 25.8B | 21.0B | 42.0B | 211 | 261 | 74.8 | 205 | 117 | 283 | 1888 | 139 B | 9 |
| 10 | 37.3B | 25.5B | 20.9B | 46.0B | 196 | 269 | 74.1 | 185 | 109 | 264 | 1728 | 138 B | 10 |
| 11 | 36.9B | 25.2B | 20.8B | 52.0B | 184 | 280 | 88.3 | 170 | 101 | 253 | 1618 | 137 B | 11 |
| 12 | 36.4B | 25.0B | 20.7B | 61.0B | 173 | 333 | 114 | 184 | 98.4 | 242 | 1518 | 137 B | 12 |
| 13 | 35.8B | 24.9B | 20.6B | 140 B | 164 | 224 | 154 | 185 | 98.2 | 227 | 1448 | 136 B | 13 |
| 14 | 35.2B | 24.7B | 20.5B | 250 B | 155 | 217 | 189 | 157 | 110 | 210 | 1378 | 135 B | 14 |
| 15 | 34.9B | 24.4B | 20.4B | 350 B | 149 | 211 | 225 | 169 | 124 | 201 | 1338 | 135 B | 15 |
| 16 | 34.5B | 24.2B | 20.3B | 450 B | 141 | 210 | 242 | 300 | 125 | 197 | 1298 | 133 B | 16 |
| 17 | 34.0B | 24.0B | 20.2B | 537 | 131 | 202 | 233 | 505 | 117 | 212 | 1408 | 131 B | 17 |
| 18 | 33.4B | 23.9B | 20.2B | 749 | 173 | 192 | 224 A | 588 | 112 | 247 | 1708 | 129 B | 18 |
| 19 | 33.0B | 23.7B | 20.1B | 883 | 116 | 177 | 213 E | 514 | 107 | 282 | 2308 | 126 B | 19 |
| 20 | 32.7B | 23.5B | 20.1B | 972 | 110 | 158 | 210 E | 441 | 103 | 286 | 3678 | 121 B | 20 |
| 21 | 32.3B | 23.2B | 20.0B | 999 | 107 | 141 | 215 E | 378 | 97.0 | 289 | 3758 | 118 B | 21 |
| 22 | 31.8B | 23.0B | 20.0B | 970 | 119 | 124 | 230 E | 336 | 92.1 | 278 | 3508 | 112 B | 22 |
| 23 | 31.2B | 22.9B | 20.2B | 912 | 131 | 113 | 260 E | 293 | 84.6 | 268 | 3308 | 108 B | 23 |
| 24 | 30.9B | 22.7B | 20.7B | 825 | 161 | 101 | 278 A | 254 | 80.1 | 249 | 3108 | 103 B | 24 |
| 25 | 30.4B | 22.6B | 21.0B | 738 | 21[illegible] | 95.2 | 432 | 230 | 75.9 | 226 | 2908 | 99.0B | 25 |
| 26 | 30.1B | 22.5B | 21.7B | 880 | 248 | 94.5 | 536 | 208 | 71.6 | 213 | 2728 | 95.0B | 26 |
| 27 | 29.6B | 22.3B | 23.0B | 586 | 329 | 103 | 501 | 190 | 69.4 | 203 | 2648 | 92.0B | 27 |
| 28 | 29.3B | 22.2B | 26.0B | 536 | 340 | 113 | 436 | 168 | 70.5 | 188 | 2408 | 88.0B | 28 |
| 29 | 28.9B | | 29.0B | 502 | 337 | 126 | 387 | 151 | 83.7 | 202 | 2288 | 84.0B | 29 |
| 30 | 28.5B | | 31.0B | 479 | 340 | 135 | 305 | 136 | 180 | 203 | 2128 | 81.0B | 30 |
| 31 | 28.2B | | 33.0B | | 352 | | 253 | 126 | | 202 | | 78.0B | 31 |
| TOTAL | 1 077.6 | 690.7 | 883.6 | 12 136.3 | 7 238 | 5 983.6 | 6 616.6 | 7 685 | 3 136.5 | 8 252 | 6 871 | 4 003.0 | TOTAL |
| MEAN | 34.8 | 24.7 | 22.1 | 405 | 233 | 199 | 214 | 248 | 105 | 266 | 222 | 129 | MEAN |
| MAX | 43.0 | 27.8 | 33.0 | 999 | 480 | 336 | 536 | 588 | 180 | 402 | 378 | 200 | MAX |
| MIN | 28.2 | 22.2 | 20.0 | 34.0 | 107 | 94.6 | 74.1 | 126 | 69.4 | 187 | 129 | 78.0 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 176
MAXIMUM DAILY, 999 ON APR 21
MINIMUM DAILY, 20.0B ON MAR 21
MAXIMUM INSTANTANEOUS,
1 000 AT 14:20 EST ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 82 07 00 W
DRAINAGE AREA, 22 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 83 100 | JUL | 572 000 |
| FEB | 59 700 | AUG | 664 000 |
| MAR | 59 100 | SEP | 271 000 |
| APR | 1 050 000 | OCT | 713 000 |
| MAY | 625 000 | NOV | 576 000 |
| JUN | 517 000 | DEC | 346 000 |

TOTAL DISCHARGE, 5 550 000 dam³

## MISSISSAGI RIVER AT MISSISSAGI CHUTE - STATION NO 02CC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 72.5 | 152 | 26.6 | 193 | 73.5 | 72.8 | 39.3 | 34.3 | 33.4 | 34.2 | 22.6 | 25.1 | 1 |
| 2 | 86.3 | 110 | 85.6 | 156 | 88.4 | 81.1 | 38.0 | 33.6 | 31.6 | 36.8 | 13.4 | 24.0 | 2 |
| 3 | 89.5 | 105 | 176 | 140 | 89.7 | 82.7 | 39.0 | 32.9 | 31.6 | 31.7 | 18.3 | 34.5 | 3 |
| 4 | 67.6 | 102 | 156 | 133 | 74.3 | 133 | 37.3 | 35.5 | 32.2 | 32.0 | 34.1 | 51.4 | 4 |
| 5 | 76.3 | 99.7 | 125 | 119 | 125 | 59.4 | 36.1 | 34.8 | 32.1 | 32.6 | 25.4 | 61.9 | 5 |
| 6 | 98.1 | 88.2 | 117 | 142 | 121 | 48.5 | 40.5 | 34.1 | 32.2 | 32.6 | 26.2 | 76.6 | 6 |
| 7 | 137 | 87.8 | 70.3 | 116 | 122 | 104 | 49.9 | 30.2 | 32.3 | 32.7 | 28.3 | 89.6 | 7 |
| 8 | 120 | 89.5 | 39.6 | 137 | 84.7 | 52.5 | 45.8 | 33.2 | 31.9 | 33.2 | 27.5 | 124 | 8 |
| 9 | 104 | 106 | 85.0 | 151 | 66.8 | 54.1 | 51.9 | 31.8 | 32.1 | 32.6 | 25.4 | 104 | 9 |
| 10 | 102 | 101 | 182 | 150 | 46.7 | 44.0 | 43.3 | 32.1 | 26.5 | 31.7 | 26.8 | 182 | 10 |
| 11 | 99.8 | 101 | 71.5 | 116 | 45.2 | 40.5 | 39.5 | 32.6 | 26.5 | 32.2 | 28.1 | 117 | 11 |
| 12 | 84.8 | 96.7 | 36.1 | 115 | 27.8 | 43.5 | 37.4 | 32.4 | 33.7 | 30.7 | 25.5 | 93.9 | 12 |
| 13 | 115 | 90.8 | 48.6 | 169 | 47.7 | 41.3 | 37.6 | 31.7 | 33.9 | 31.8 | 24.3 | 120 | 13 |
| 14 | 174 | 88.4 | 55.4 | 178 | 72.0 | 40.0 | 37.0 | 28.8 | 32.5 | 32.8 | 25.6 | 119 | 14 |
| 15 | 180 | 85.0 | 48.1 | 195 | 40.4 | 38.9 | 36.9 | 32.2 | 32.0 | 30.5 | 24.5 | 114 | 15 |
| 16 | 178 | 85.4 | 71.5 | 194 | 36.7 | 39.3 | 36.3 | 33.6 | 31.5 | 30.4 | 26.4 | 104 | 16 |
| 17 | 114 | 86.7 | 62.2 | 144 | 46.5 | 43.9 | 42.4 | 34.4 | 30.8 | 32.3 | 26.9 | 119 | 17 |
| 18 | 84.3 | 90.3 | 70.1 | 93.1 | 46.3 | 42.3 | 38.5 | 34.7 | 31.1 | 31.4 | 28.0 | 114 | 18 |
| 19 | 101 | 87.6 | 87.7 | 76.3 | 45.8 | 43.3 | 38.0 | 34.5 | 33.5 | 31.3 | 25.5 | 83.5 | 19 |
| 20 | 161 | 87.0 | 93.9 | 57.3 | 46.3 | 46.1 | 39.5 | 32.3 | 37.6 | 31.3 | 25.1 | 57.4 | 20 |
| 21 | 172 | 87.8 | 99.1 | 72.3 | 47.6 | 45.4 | 36.5 | 29.9 | 33.0 | 31.7 | 23.3 | 110 | 21 |
| 22 | 172 | 87.4 | 107 | 120 | 59.7 | 38.3 | 38.0 | 31.1 | 32.8 | 30.6 | 25.8 | 103 | 22 |
| 23 | 155 | 85.8 | 76.9 | 151 | 46.6 | 38.7 | 34.7 | 32.1 | 32.9 | 31.1 | 25.8 | 87.2 | 23 |
| 24 | 155 | 87.6 | 86.9 | 142 | 46.2 | 82.6 | 34.6 | 31.3 | 31.0 | 32.1 | 25.3 | 95.0 | 24 |
| 25 | 84.1 | 86.2 | 113 | 99.3 | 45.3 | 60.4 | 34.0 | 33.4 | 31.0 | 32.7 | 34.3 | 86.9 | 25 |
| 26 | 86.5 | 83.4 | 132 | 72.2 | 56.0 | 56.5 | 33.4 | 32.9 | 31.0 | 32.3 | 56.5 | 84.0 | 26 |
| 27 | 143 | 80.8 | 166 | 71.5 | 91.5 | 40.4 | 33.1 | 33.4 | 32.6 | 28.0 | 28.4 | 86.4 | 27 |
| 28 | 135 | 30.4 | 117 | 96.7 | 126 | 41.2 | 39.8 | 33.9 | 32.4 | 30.0 | 24.5 | 83.8 | 28 |
| 29 | 178 | | 116 | 106 | 151 | 38.2 | 82.6 | 33.3 | 32.7 | 31.6 | 27.4 | 81.4 | 29 |
| 30 | 180 | | 143 | 71.2 | 86.9 | 40.7 | 46.3 | 36.2 | 33.5 | 31.6 | 25.6 | 82.2 | 30 |
| 31 | 172 | | 180 | | 52.2 | | 33.7 | 34.0 | | 30.9 | | 87.5 | 31 |
| TOTAL | 3 819.6 | 2 569.5 | 3 027.1 | 3 774.9 | 2 109.7 | 1 814.6 | 1 234.8 | 1 011.4 | 981.9 | 887.5 | 805.8 | 2 785.3 | TOTAL |
| MEAN | 123 | 91.8 | 97.6 | 126 | 68.1 | 53.8 | 39.8 | 32.6 | 32.1 | 31.9 | 26.9 | 89.8 | MEAN |
| MAX | 180 | 152 | 182 | 195 | 151 | 133 | 82.6 | 36.2 | 37.6 | 36.8 | 56.5 | 182 | MAX |
| MIN | 84.1 | 30.4 | 26.6 | 57.3 | 27.8 | 38.2 | 33.1 | 24.1 | 26.5 | 28.0 | 13.4 | 24.0 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.7
MAXIMUM DAILY, 195 ON APR 15
MINIMUM DAILY, 13.4 ON NOV 2
MAXIMUM INSTANTANEOUS,
197 AT 22:55 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 04 N
LONG 83 01 32 W
DRAINAGE AREA 9 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 330 000 | JUL | 107 000 |
| FEB | 222 000 | AUG | 87 400 |
| MAR | 282 000 | SEP | 83 100 |
| APR | 326 000 | OCT | 86 300 |
| MAY | 182 000 | NOV | 69 600 |
| JUN | 140 000 | DEC | 241 000 |

TOTAL DISCHARGE, 2 140 000 dam³

## MISSISSAGI RIVER AT RAYNER GENERATING STATION - STATION NO 02CC007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 86.1 | 88.4 | 0 | 78.0 | 66.1 | 47.4 | 23.4 | 38.2 | 20.3 | 24.8 | 3.60 | 2.80 | 1 |
| 2 | 52.8 | 73.7 | 167 | 99.2 | 28.7 | 7.40 | 17.9 | 15.5 | 4.00 | 24.9 | 0 | 0 | 2 |
| 3 | 56.9 | 73.6 | 113 | 75.9 | 35.1 | 90.1 | 40.2 | 52.8 | 23.9 | 1.30 | 24.3 | 29.8 | 3 |
| 4 | 34.2 | 82.9 | 113 | 57.1 | 81.1 | 73.8 | 2.50 | 28.5 | 36.8 | 13.3 | 0 | 42.7 | 4 |
| 5 | 75.4 | 97.7 | 134 | 91.0 | 88.0 | 16.7 | 17.2 | 0 | 13.8 | 31.3 | 3.90 | 71.8 | 5 |
| 6 | 79.0 | 86.0 | 81.1 | 46.9 | 87.8 | 54.1 | 48.7 | 3.90 | 28.8 | 20.8 | 13.5 | 36.1 | 6 |
| 7 | 130 | 77.8 | 18.0 | 75.4 | 84.3 | 49.9 | 11.1 | 10.3 | 16.0 | 19.1 | 0 | 82.1 | 7 |
| 8 | 73.1 | 120 | 22.2 | 103 | 44.7 | 30.7 | 25.5 | 4.40 | 22.8 | 28.8 | 1.20 | 90.1 | 8 |
| 9 | 82.2 | 86.8 | 201 | 90.6 | 26.2 | 30.8 | 59.4 | 4.60 | 21.6 | 28.3 | 14.5 | 85.8 | 9 |
| 10 | 78.3 | 81.4 | 26.1 | 83.0 | 10.0 | 25.1 | 1.30 | 30.5 | 22.7 | 5.70 | 8.60 | 104 | 10 |
| 11 | 16.8 | 79.3 | 34.5 | 54.2 | 19.3 | 10.4 | 32.3 | 10.2 | 23.8 | 15.7 | 27.5 | 67.9 | 11 |
| 12 | 84.5 | 76.9 | 34.8 | 78.4 | 5.30 | 37.6 | 31.5 | 20.9 | 33.1 | 20.9 | 7.20 | 82.5 | 12 |
| 13 | 109 | 68.6 | 82.0 | 123 | 46.0 | 3.10 | 19.8 | 39.4 | 0.500 | 8.60 | 8.90 | 58.4 | 13 |
| 14 | 130 | 80.9 | 34.2 | 142 | 22.1 | 8.40 | 16.7 | 25.9 | 3.60 | 31.3 | 0 | 76.1 | 14 |
| 15 | 184 | 46.4 | 29.5 | 143 | 14.4 | 1.90 | 7.40 | 8.70 | 37.4 | 14.5 | 0 | 79.5 | 15 |
| 16 | 86.7 | 58.7 | 84.6 | 155 | 28.7 | 74.6 | 25.1 | 10.5 | 8.00 | 64.1 | 8.20 | 77.7 | 16 |
| 17 | 126 | 34.9 | 28.3 | 16.6 | 6.90 | 14.4 | 33.4 | 13.8 | 33.7 | 1.00 | 32.3 | 84.9 | 17 |
| 18 | 10.6 | 71.6 | 59.3 | 8.90 | 12.0 | 34.2 | 4.60 | 45.5 | 22.9 | 7.80 | 9.00 | 50.5 | 18 |
| 19 | 123 | 67.3 | 74.1 | 12.1 | 17.1 | 26.9 | 21.5 | 12.4 | 14.2 | 17.7 | 1.10 | 40.2 | 19 |
| 20 | 155 | 52.3 | 107 | 15.1 | 22.5 | 22.5 | 20.1 | 8.80 | 16.3 | 19.2 | 8.40 | 84.1 | 20 |
| 21 | 130 | 70.4 | 83.9 | 83.3 | 34.8 | 12.6 | 45.9 | 32.6 | 42.7 | 16.8 | 8.80 | 78.2 | 21 |
| 22 | 176 | 83.4 | 31.1 | 113 | 21.9 | 9.10 | 35.0 | 13.5 | 13.8 | 28.1 | 7.50 | 51.9 | 22 |
| 23 | 148 | 85.3 | 78.1 | 74.8 | 5.90 | 56.8 | 14.2 | 0.800 | 21.0 | 18.4 | 11.5 | 61.8 | 23 |
| 24 | 74.8 | 42.7 | 77.0 | 108 | 8.70 | 31.4 | 0 | 20.3 | 19.9 | 26.4 | 8.20 | 58.9 | 24 |
| 25 | 3.40 | 67.7 | 71.4 | 25.9 | 1.10 | 62.3 | 14.0 | 18.2 | 18.9 | 15.8 | 66.9 | 86.7 | 25 |
| 26 | 86.4 | 59.3 | 116 | 10.3 | 81.3 | 0.500 | 8.80 | 4.90 | 17.8 | 12.2 | 2.80 | 57.9 | 26 |
| 27 | 131 | 34.9 | 36.7 | 47.3 | 70.6 | 34.6 | 26.9 | 0 | 18.9 | 18.0 | 8.20 | 50.9 | 27 |
| 28 | 126 | 0 | 71.1 | 87.1 | 108 | 7.70 | 28.4 | 35.6 | 89.7 | 7.30 | 13.9 | 60.8 | 28 |
| 29 | 167 |  | 37.8 | 28.3 | 68.3 | 24.0 | 42.0 | 27.5 | 7.20 | 11.2 | 0 | 55.2 | 29 |
| 30 | 127 |  | 137 | 36.5 | 31.2 | 18.6 | 16.3 | 30.1 | 7.30 | 37.5 | 8.70 | 82.1 | 30 |
| 31 | 149 |  | 118 |  | 71.0 |  | 12.8 | 18.6 |  | 0 |  | 31.5 | 31 |
| TOTAL | 3 080.40 | 1 888.7 | 2 215.8 | 2 102.70 | 1 225.00 | 923.600 | 686.70 | 582.900 | 643.900 | 592.50 | 288.60 | 1 880.70 | TOTAL |
| MEAN | 99.4 | 67.5 | 71.5 | 70.1 | 39.5 | 30.8 | 22.5 | 18.8 | 21.5 | 19.1 | 9.62 | 60.7 | MEAN |
| MAX | 184 | 120 | 201 | 155 | 105 | 90.1 | 59.4 | 52.8 | 89.7 | 64.1 | 66.9 | 104 | MAX |
| MIN | 3.40 | 0 | 0 | 8.90 | 1.10 | 0.500 | 0 | 0 | 0.500 | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.2
MAXIMUM DAILY, 201 ON MAR 9
MINIMUM DAILY, 0 ON FEB 28

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 26 07 N
LONG 83 23 05 W
DRAINAGE AREA, 6 840 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 266 000 | JUL | 60 200 |
| FEB | 163 000 | AUG | 50 400 |
| MAR | 191 000 | SEP | 55 600 |
| APR | 182 000 | OCT | 51 200 |
| MAY | 106 000 | NOV | 24 900 |
| JUN | 79 800 | DEC | 162 000 |

TOTAL DISCHARGE 1 390 000 dam³

## MISSISSAGI RIVER AT RED ROCK FALLS - STATION NO 02CC009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 80.8 | 107 | 28.2 | 183 | 81.4 | 80.6 | 31.1 | 26.5 | 25.1 | 26.5 | 0 | 17.8 | 1 |
| 2 | 76.4 | 97.6 | 105 | 105 | 58.4 | 54.5 | 31.1 | 26.3 | 24.3 | 26.5 | 10.6 | 18.3 | 2 |
| 3 | 76.1 | 87.0 | 174 | 151 | 58.4 | 103 | 31.1 | 26.3 | 26.4 | 28.7 | 19.3 | 46.8 | 3 |
| 4 | 64.8 | 87.0 | 116 | 92.1 | 81.0 | 90.5 | 31.6 | 41.0 | 26.2 | 26.3 | 23.8 | 52.7 | 4 |
| 5 | 86.4 | 82.8 | 119 | 123 | 118 | 43.2 | 31.2 | 13.9 | 26.2 | 26.3 | 22.6 | 72.3 | 5 |
| 6 | 92.5 | 77.2 | 88.5 | 87.3 | 89.6 | 57.6 | 46.1 | 14.8 | 26.2 | 26.5 | 19.7 | 57.9 | 6 |
| 7 | 138 | 77.2 | 27.1 | 114 | 105 | 81.7 | 32.8 | 26.8 | 26.2 | 27.1 | 20.9 | 100 | 7 |
| 8 | 94.7 | 90.9 | 26.7 | 129 | 56.1 | 44.4 | 42.2 | 26.2 | 26.4 | 25.1 | 19.0 | 98.6 | 8 |
| 9 | 86.2 | 95.0 | 133 | 134 | 39.1 | 42.8 | 43.7 | 26.2 | 26.3 | 26.3 | 22.5 | 102 | 9 |
| 10 | 85.6 | 93.3 | 147 | 131 | 38.7 | 32.8 | 31.5 | 26.2 | 13.3 | 27.3 | 22.2 | 152 | 10 |
| 11 | 49.4 | 93.2 | 22.6 | 74.7 | 27.8 | 34.8 | 31.0 | 26.9 | 26.2 | 26.2 | 20.7 | 76.2 | 11 |
| 12 | 76.7 | 83.9 | 33.1 | 128 | 10.6 | 37.8 | 31.1 | 26.3 | 27.1 | 26.2 | 20.9 | 100 | 12 |
| 13 | 126 | 80.4 | 54.1 | 152 | 72.6 | 31.5 | 28.1 | 26.3 | 26.3 | 27.3 | 18.6 | 98.3 | 13 |
| 14 | 154 | 76.6 | 37.4 | 172 | 51.8 | 31.0 | 28.3 | 20.8 | 26.5 | 26.4 | 21.1 | 103 | 14 |
| 15 | 165 | 77.2 | 50.9 | 188 | 10.5 | 30.1 | 31.1 | 26.1 | 26.3 | 26.3 | 21.1 | 87.9 | 15 |
| 16 | 153 | 77.2 | 67.8 | 188 | 38.4 | 32.6 | 38.2 | 25.9 | 26.3 | 26.3 | 20.3 | 107 | 16 |
| 17 | 76.7 | 76.5 | 43.9 | 93.8 | 38.7 | 39.7 | 31.1 | 26.3 | 26.3 | 26.3 | 21.9 | 99.0 | 17 |
| 18 | 68.8 | 80.3 | 76.9 | 77.2 | 38.4 | 31.2 | 31.0 | 26.3 | 26.3 | 26.3 | 18.5 | 78.1 | 18 |
| 19 | 117 | 76.2 | 77.2 | 44.5 | 38.8 | 42.6 | 30.9 | 26.3 | 29.0 | 26.2 | 18.3 | 52.7 | 19 |
| 20 | 148 | 76.6 | 76.4 | 52.0 | 38.5 | 40.0 | 31.1 | 26.3 | 27.4 | 26.6 | 18.1 | 84.8 | 20 |
| 21 | 152 | 77.2 | 105 | 70.7 | 46.4 | 33.1 | 31.0 | 18.1 | 27.4 | 26.3 | 18.5 | 98.4 | 21 |
| 22 | 153 | 77.2 | 59.4 | 122 | 39.8 | 31.5 | 28.8 | 26.2 | 26.2 | 26.3 | 19.5 | 84.6 | 22 |
| 23 | 160 | 76.0 | 74.8 | 138 | 39.0 | 54.4 | 27.4 | 26.2 | 26.2 | 26.3 | 21.5 | 86.3 | 23 |
| 24 | 110 | 77.2 | 77.2 | 125 | 38.2 | 57.8 | 26.3 | 24.0 | 25.5 | 26.3 | 19.2 | 76.9 | 24 |
| 25 | 13.8 | 76.4 | 113 | 88.2 | 38.2 | 50.4 | 26.3 | 26.2 | 26.2 | 26.3 | 83.3 | 77.2 | 25 |
| 26 | 98.8 | 74.8 | 126 | 57.9 | 82.8 | 33.6 | 26.2 | 26.3 | 27.9 | 26.3 | 20.3 | 77.2 | 26 |
| 27 | 128 | 50.5 | 139 | 58.2 | 84.3 | 36.4 | 26.3 | 26.3 | 26.5 | 17.7 | 20.8 | 77.2 | 27 |
| 28 | 136 | 8.90 | 103 | 106 | 137 | 31.1 | 50.2 | 26.8 | 26.5 | 26.5 | 22.0 | 77.2 | 28 |
| 29 | 172 |  | 85.2 | 86.8 | 106 | 31.3 | 55.4 | 26.9 | 25.0 | 26.3 | 18.1 | 77.0 | 29 |
| 30 | 153 |  | 148 | 58.4 | 41.2 | 34.8 | 26.7 | 27.5 | 26.7 | 26.3 | 18.1 | 76.2 | 30 |
| 31 | 154 |  | 174 |  | 54.2 |  | 27.8 | 27.5 |  | 25.6 |  | 75.9 | 31 |
| TOTAL | 3 410.8 | 2 209.90 | 2 713.4 | 3 294.8 | 1 795.8 | 1 366.8 | 1 016.2 | 795.6 | 778.4 | 809.8 | 623.5 | 2 474.6 | TOTAL |
| MEAN | 110 | 78.9 | 87.5 | 110 | 57.9 | 45.6 | 32.8 | 25.7 | 25.9 | 26.1 | 20.8 | 79.8 | MEAN |
| MAX | 172 | 107 | 174 | 188 | 137 | 103 | 55.4 | 41.0 | 29.0 | 26.7 | 83.3 | 152 | MAX |
| MIN | 13.8 | 8.90 | 22.6 | 46.5 | 10.5 | 30.1 | 26.2 | 13.9 | 13.3 | 17.7 | 0 | 17.8 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.3
MAXIMUM DAILY, 188 ON APR 15
MINIMUM DAILY, 0 ON NOV 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 18 57 N
LONG 83 17 27 W
DRAINAGE AREA, 9 010 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 295 000 | JUL | 87 800 |
| FEB | 191 000 | AUG | 68 700 |
| MAR | 234 000 | SEP | 67 300 |
| APR | 285 000 | OCT | 70 000 |
| MAY | 155 000 | NOV | 53 900 |
| JUN | 118 000 | DEC | 214 000 |

TOTAL DISCHARGE, 1 840 000 dam³

## MISSISSAGI RIVER AT ROCKY ISLAND LAKE STATION NO 02CB001

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 405.680E | 401.900 | 397.480 | 397.780 | 401.780 | 403.780 | 404.880 | 405.320 | 405.250 | 405.170 | 405.280 | 405.390 | 1 |
| 2 | 405.630E | 401.720 | 397.470 | 397.810 | 401.900 | 403.840 | 404.880 | 405.340 | 405.280 | 405.190 | 405.280 | 405.200 | 2 |
| 3 | 405.600E | 401.510 | 397.460 | 397.830 | 402.000 | 403.890 | 404.890 | 405.350 | 405.280 | 405.190 | 405.280 | 405.030 | 3 |
| 4 | 405.570E | 401.190 | 397.450 | 397.850 | 402.090 | 403.950 | 404.910 | 405.370 | 405.280 | 405.180 | 405.300 | 404.860 | 4 |
| 5 | 405.530E | 400.900 | 397.440 | 397.880 | 402.180 | 404.010 | 404.930 | 405.370 | 405.260 | 405.180 | 405.310 | 404.710 | 5 |
| 6 | 405.500 | 400.680 | 397.450 | 397.920 | 402.250 | 404.080 | 404.950 | 405.370 | 405.260 | 405.190 | 405.310 | 404.550 | 6 |
| 7 | 405.280E | 400.450 | 397.460 | 397.960 | 402.320 | 404.120 | 404.970 | 405.370 | 405.260 | 405.200 | 405.320 | 404.390 | 7 |
| 8 | 405.260 | 400.300 | 397.440 | 397.990 | 402.380 | 404.170 | 404.980 | 405.380 | 405.260 | 405.200 | 405.340 | 404.280 | 8 |
| 9 | 405.150E | 400.130 | 397.430 | 398.050 | 402.420 | 404.220 | 405.000 | 405.380 | 405.260 | 405.190 | 405.340 | 404.180 | 9 |
| 10 | 405.040E | 399.870 | 397.420 | 398.120 | 402.490 | 404.280 | 405.010 | 405.380 | 405.260 | 405.200 | 405.350 | 404.100 | 10 |
| 11 | 405.920E | 399.370 | 397.420 | 398.200 | 402.540 | 404.300 | 405.030 | 405.350 | 405.250 | 405.200 | 405.380 | 404.020 | 11 |
| 12 | 405.800E | 399.000 | 397.420 | 398.290 | 402.500 | 404.380 | 405.080 | 405.340 | 405.240 | 405.200 | 405.380 | 403.960 | 12 |
| 13 | 405.680E | 398.750 | 397.410 | 398.370 | 402.630 | 404.400 | 405.100 | 405.340 | 405.240 | 405.190 | 405.390 | 403.880 | 13 |
| 14 | 405.560E | 398.530 | 397.400 | 398.440 | 402.680 | 404.440 | 405.120 | 405.340 | 405.230 | 405.190 | 405.400 | 403.820 | 14 |
| 15 | 405.440 | 398.380 | 397.400 | 398.720 | 402.740 | 404.490 | 405.130 | 405.340 | 405.230 | 405.200 | 405.410 | 403.780 | 15 |
| 16 | 405.250E | 398.210 | 397.390 | 399.110 | 402.770 | 404.520 | 405.140 | 405.340 | 405.230 | 405.200 | 405.420 | 403.680 | 16 |
| 17 | 405.060E | 398.080 | 397.390 | 399.370 | 402.840 | 404.550 | 405.140 | 405.340 | 405.230 | 405.200 | 405.430 | 403.670 | 17 |
| 18 | 404.870E | 397.970 | 397.390 | 399.640 | 402.900 | 404.570 | 405.170 | 405.330 | 405.220 | 405.210 | 405.450 | 403.620 | 18 |
| 19 | 404.680E | 397.880 | 397.390 | 399.860 | 402.950 | 404.610 | 405.210 | 405.330 | 405.220 | 405.210 | 405.450 | 403.570 | 19 |
| 20 | 404.490E | 397.790 | 397.380 | 400.060 | 403.010 | 404.640 | 405.220 | 405.330 | 405.220 | 405.220 | 405.470 | 403.540 | 20 |
| 21 | 404.300E | 397.720 | 397.380 | 400.270 | 403.060 | 404.660 | 405.220 | 405.340 | 405.220 | 405.220 | 405.490 | 403.510 | 21 |
| 22 | 404.100 | 397.660 | 397.390 | 400.450 | 403.140 | 404.690 | 405.240 | 405.340 | 405.210 | 405.220 | 405.490 | 403.470 | 22 |
| 23 | 403.910E | 397.610 | 397.410 | 400.530 | 403.210 | 404.710 | 405.240 | 405.330 | 405.200 | 405.220 | 405.510 | 403.430 | 23 |
| 24 | 403.730E | 397.570 | 397.440 | 400.810 | 403.270 | 404.730 | 405.260 | 405.320 | 405.200 | 405.220 | 405.530 | 403.400 | 24 |
| 25 | 403.540E | 397.530 | 397.480 | 400.970 | 403.360 | 404.750 | 405.280 | 405.320 | 405.180 | 405.220 | 405.540 | 403.380 | 25 |
| 26 | 403.360E | 397.500 | 397.530 | 401.120 | 403.410 | 404.770 | 405.280 | 405.310 | 405.180 | 405.220 | 405.580 | 403.360 | 26 |
| 27 | 403.170 | 397.500 | 397.570 | 401.270 | 403.480 | 404.790 | 405.290 | 405.300 | 405.180 | 405.230 | 405.580 | 403.320 | 27 |
| 28 | 402.970 | 397.470 | 397.620 | 401.550 | 403.540 | 404.800 | 405.300 | 405.300 | 405.180 | 405.230 | 405.570 | 403.300 | 28 |
| 29 | 402.800 | | 397.670 | 401.550 | 403.600 | 404.830 | 405.300 | 405.300 | 405.180 | 405.230 | 405.590 | 403.270 | 29 |
| 30 | 402.350 | | 397.700 | 401.670 | 403.660 | 404.840 | 405.320 | 405.290 | 405.180 | 405.240 | 405.580 | 403.240 | 30 |
| 31 | 402.130 | | 397.740 | | 403.720 | | 405.320 | 405.300 | | 405.250 | | 403.220 | 31 |
| MEAN | 404.940 | 399.040 | 397.485 | 399.315 | 402.800 | 404.625 | 405.121 | 405.335 | 405.230 | 405.207 | 405.421 | 403.905 | MEAN |
| MAX | 405.680 | 401.900 | 397.740 | 401.870 | 403.720 | 404.840 | 405.320 | 405.370 | 405.280 | 405.250 | 405.590 | 405.390 | MAX |
| MIN | 402.130 | 397.470 | 397.380 | 397.780 | 401.780 | 403.780 | 404.880 | 405.290 | 405.180 | 405.170 | 405.280 | 403.220 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 403.213
MAXIMUM DAILY, 405.680E ON JAN 1
MINIMUM DAILY, 397.380 ON MAR 20

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 52 00 N
LONG 83 09 19 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED SINCE 1950

DRAINAGE AREA,
2 150 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

## MISSISSAGI RIVER BELOW AUBREY FALLS - STATION NO 02CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 31.3 | 72.4 | 0.600 | 38.2 | 6.70 | 13.7 | 3.80 | 3.60 | 2.40 | 7.80 | 0 | 0 | 1 |
| 2 | 36.7 | 67.2 | 170 | 16.4 | 0 | 3.10 | 16.4 | 16.9 | 4.20 | 16.0 | 0 | 0 | 2 |
| 3 | 37.5 | 35.0 | 109 | 26.3 | 0 | 37.2 | 21.9 | 22.8 | 13.9 | 7.00 | 1.40 | 19.5 | 3 |
| 4 | 28.4 | 94.1 | 70.6 | 41.1 | 68.0 | 42.9 | 6.10 | 21.1 | 16.0 | 8.10 | 2.80 | 81.9 | 4 |
| 5 | 70.8 | 93.6 | 91.7 | 24.8 | 31.2 | 3.10 | 3.80 | 3.70 | 6.00 | 8.30 | 4.40 | 36.1 | 5 |
| 6 | 76.4 | 78.5 | 7.30 | 27.1 | 86.2 | 3.10 | 8.90 | 3.20 | 16.0 | 3.80 | 8.00 | 83.1 | 6 |
| 7 | 82.3 | 67.9 | 0 | 39.4 | 60.4 | 11.7 | 3.80 | 6.70 | 2.40 | 4.00 | 0 | 83.8 | 7 |
| 8 | 84.5 | 61.7 | 0 | 54.6 | 0 | 4.10 | 3.80 | 3.20 | 3.80 | 10.4 | 0 | 68.0 | 8 |
| 9 | 97.3 | 57.3 | 76.3 | 24.6 | 0 | 5.00 | 24.0 | 3.20 | 4.80 | 3.50 | 12.0 | 57.4 | 9 |
| 10 | 23.6 | 70.9 | 0 | 50.7 | 4.50 | 3.10 | 3.80 | 3.10 | 10.7 | 5.00 | 0 | 81.9 | 10 |
| 11 | 29.8 | 76.3 | 0 | 30.5 | 0 | 3.10 | 4.40 | 10.1 | 18.9 | 5.00 | 3.00 | 46.8 | 11 |
| 12 | 77.3 | 86.4 | 0 | 46.7 | 0 | 6.80 | 26.0 | 7.10 | 28.7 | 3.00 | 0 | 44.5 | 12 |
| 13 | 93.1 | 87.3 | 0 | 72.8 | 16.0 | 3.10 | 3.80 | 25.3 | 3.40 | 5.90 | 0 | 46.3 | 13 |
| 14 | 160 | 33.3 | 0 | 81.2 | 8.30 | 3.10 | 3.80 | 34.7 | 2.40 | 7.90 | 0 | 31.0 | 14 |
| 15 | 124 | 10.5 | 0 | 82.7 | 5.80 | 3.10 | 3.80 | 6.20 | 10.4 | 4.90 | 0 | 41.3 | 15 |
| 16 | 116 | 57.6 | 6.10 | 113 | 18.5 | 3.10 | 6.70 | 9.80 | 11.6 | 19.5 | 4.00 | 49.6 | 16 |
| 17 | 66.8 | 46.4 | 46.5 | 0 | 2.90 | 3.10 | 11.3 | 14.7 | 16.8 | 8.80 | 8.70 | 30.0 | 17 |
| 18 | 13.3 | 84.3 | 11.7 | 0 | 2.90 | 8.20 | 16.2 | 28.1 | 9.30 | 2.00 | 2.30 | 38.6 | 18 |
| 19 | 147 | 52.7 | 20.7 | 0 | 2.90 | 5.20 | 10.6 | 14.2 | 12.1 | 4.60 | 0 | 35.6 | 19 |
| 20 | 111 | 28.9 | 21.7 | 16.6 | 2.90 | 3.10 | 5.80 | 12.6 | 6.20 | 5.90 | 0.900 | 41.1 | 20 |
| 21 | 150 | 63.7 | 0.700 | 53.3 | 2.90 | 3.10 | 33.9 | 13.7 | 21.8 | 1.40 | 0 | 24.5 | 21 |
| 22 | 116 | 46.7 | 8.50 | 30.0 | 5.40 | 3.10 | 19.1 | 9.30 | 8.30 | 12.2 | 0 | 28.0 | 22 |
| 23 | 123 | 43.6 | 20.5 | 50.0 | 2.90 | 3.10 | 14.6 | 2.80 | 8.50 | 13.6 | 0.600 | 36.3 | 23 |
| 24 | 42.7 | 27.9 | 24.6 | 32.1 | 2.90 | 17.4 | 4.20 | 12.4 | 14.1 | 21.2 | 0 | 38.6 | 24 |
| 25 | 39.5 | 57.2 | 18.6 | 11.0 | 5.00 | 21.0 | 3.80 | 5.20 | 8.30 | 10.1 | 33.6 | 9.80 | 25 |
| 26 | 106 | 28.2 | 25.0 | 0 | 40.4 | 3.10 | 11.7 | 2.90 | 5.70 | 12.9 | 4.00 | 42.0 | 26 |
| 27 | 86.9 | 26.3 | 10.1 | 7.20 | 32.6 | 7.30 | 10.3 | 2.90 | 8.30 | 5.80 | 0 | 27.6 | 27 |
| 28 | 155 | 1.60 | 16.9 | 33.3 | 58.0 | 4.80 | 16.3 | 13.9 | 15.3 | 4.40 | 1.30 | 31.1 | 28 |
| 29 | 118 | | 23.4 | 2.20 | 11.9 | 3.10 | 18.1 | 2.90 | 11.6 | 15.3 | 0 | 45.6 | 29 |
| 30 | 113 | | 45.6 | 2.80 | 2.90 | 4.00 | 12.0 | 17.1 | 3.80 | 16.6 | 0 | 70.6 | 30 |
| 31 | 80.8 | | 34.7 | | 2.90 | | 4.90 | 8.50 | | 0 | | 11.3 | 31 |
| TOTAL | 2 611.0 | 1 552.50 | 861.600 | 988.30 | 450.80 | 238.00 | 340.00 | 344.30 | 306.40 | 254.60 | 86.000 | 1 213.40 | TOTAL |
| MEAN | 84.2 | 55.4 | 27.8 | 32.3 | 14.5 | 7.97 | 11.0 | 11.1 | 10.2 | 8.21 | 2.87 | 39.1 | MEAN |
| MAX | 160 | 96.4 | 170 | 113 | 86.0 | 42.9 | 33.9 | 34.7 | 28.7 | 21.2 | 33.6 | 83.1 | MAX |
| MIN | 13.3 | 1.60 | 0 | 0 | 0 | 3.10 | 3.80 | 2.80 | 2.40 | 0 | 0 | 0 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.3
MAXIMUM DAILY, 170 ON MAR 2
MINIMUM DAILY, 0 ON MAR 7

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 54 42 N
LONG 83 12 36 W
DRAINAGE AREA, 4 040 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 226 000 | JUL | 29 400 |
| FEB | 134 000 | AUG | 29 700 |
| MAR | 74 400 | SEP | 26 500 |
| APR | 83 700 | OCT | 22 000 |
| MAY | 38 900 | NOV | 7 430 |
| JUN | 20 600 | DEC | 105 000 |

DATA CONTRIBUTED BY
ONTARIO HYDRO

REGULATED

TOTAL DISCHARGE, 795 000 dam³

## MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE - STATION NO 02HH002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.53 | 3.90 | 3.36 | 4.95 | 0.496 | 1.83 | 3.00 | 4.62 | 4.35 | 4.81 | 1.00 | 2.93 | 1 |
| 2 | 3.56 | 3.84 | 3.42 | 5.65 | 0.517 | 1.80 | 2.90 | 4.43 | 4.24 | 4.47 | 1.01 | 2.95 | 2 |
| 3 | 3.54 | 3.81 | 3.38 | 6.33 | 0.510 | 1.78 | 4.08 | 4.25 | 4.03 | 4.30 | 1.06 | 3.12 | 3 |
| 4 | 3.49 | 3.78 | 3.36 | 6.92 | 0.507 | 1.72 | 5.75 | 4.12 | 3.81 | 4.06 | 1.03 | 3.31 | 4 |
| 5 | 3.50 | 3.79 | 3.35 | 8.47 | 0.513 | 1.66 | 5.47 | 3.91 | 3.67 | 3.94 | 1.06 | 3.46 | 5 |
| 6 | 3.44 | 3.77 | 3.32 | 9.83 | 0.487 | 1.63 | 5.20 | 3.68 | 3.51 | 3.72 | 1.05 | 3.64 | 6 |
| 7 | 3.42 | 3.78 | 3.32 | 10.6 | 0.470 | 1.66 | 5.08 | 3.50 | 3.39 | 3.67 | 1.11 | 3.74 | 7 |
| 8 | 3.39 | 3.83E | 3.37 | 11.6 | 2.38 | 1.70 | 3.76 | 3.37 | 3.31 | 3.65 | 1.13 | 3.86 | 8 |
| 9 | 3.36 | 3.84 | 3.44 | 9.03 | 5.43 | 1.69 | 3.03 | 3.26 | 2.77 | 3.46 | 1.22 | 4.09 | 9 |
| 10 | 3.43 | 3.80 | 3.41 | 6.04 | 4.89 | 1.66 | 1.93 | 3.17 | 2.16 | 3.29 | 1.23 | 4.32 | 10 |
| 11 | 3.37 | 3.77 | 3.38 | 5.31 | 4.65 | 1.63 | 1.86 | 3.02 | 2.07 | 3.22 | 1.21 | 4.52 | 11 |
| 12 | 3.31 | 3.75 | 3.38 | 5.52 | 4.74 | 1.64 | 1.83 | 2.87 | 1.98 | 3.07 | 1.20 | 4.74 | 12 |
| 13 | 3.32 | 3.75 | 3.32 | 5.89 | 4.80 | 1.63 | 1.82 | 2.88 | 2.02 | 2.37 | 1.23 | 4.95 | 13 |
| 14 | 3.30 | 3.72 | 3.30 | 6.67 | 5.68 | 1.59 | 1.93 | 3.71 | 2.08 | 1.03 | 1.24 | 5.09 | 14 |
| 15 | 3.25 | 3.68 | 3.33 | 7.01 | 8.78 | 1.59 | 1.86 | 3.63 | 1.97 | 0.918 | 1.26 | 5.40 | 15 |
| 16 | 3.26 | 3.62 | 3.32 | 8.58 | 8.25 | 1.86 | 1.77 | 3.58 | 1.90 | 0.888 | 1.28 | 5.69 | 16 |
| 17 | 3.18 | 3.81 | 3.34 | 9.15 | 7.84 | 1.63 | 1.68 | 3.55 | 1.85 | 0.878 | 1.32 | 5.79 | 17 |
| 18 | 3.23 | 3.87 | 3.34 | 8.94 | 7.72 | 1.60 | 1.49 | 3.40 | 1.78 | 0.928 | 1.43 | 5.87 | 18 |
| 19 | 3.73 | 3.81 | 3.38 | 8.86 | 8.28 | 1.63 | 1.52 | 3.28 | 1.88 | 0.903 | 1.48 | 5.92 | 19 |
| 20 | 3.20 | 3.47 | 3.20 | 8.78 | 8.02 | 1.60 | 1.53 | 3.11 | 1.76 | 0.931 | 1.51 | 6.24 | 20 |
| 21 | 3.15 | 2.46 | 1.42 | 2.69 | 1.84 | 1.55 | 1.47 | 2.95 | 1.80 | 0.908 | 1.52 | 6.38 | 21 |
| 22 | 3.20 | 2.41 | 1.44 | 2.00 | 1.98 | 1.54 | 1.44 | 2.87 | 1.70 | 0.869 | 1.50 | 6.46 | 22 |
| 23 | 3.19 | 2.38 | 1.55 | 0.698 | 2.01 | 1.52 | 1.38E | 2.71 | 1.85 | 0.848 | 1.55 | 6.47 | 23 |
| 24 | 3.10 | 2.35 | 1.89 | 0.558 | 1.98 | 1.50 | 1.38E | 2.56 | 1.86 | 0.937 | 1.59 | 6.57 | 24 |
| 25 | 3.08 | 2.33 | 1.84 | 0.501 | 1.92 | 2.05 | 1.35 | 3.83 | 1.47 | 1.00 | 1.80 | 6.80 | 25 |
| 26 | 3.04 | 2.29 | 1.98 | 0.451 | 1.90 | 3.53 | 1.58 | 5.38 | 1.35 | 0.984 | 1.90 | 6.84 | 26 |
| 27 | 3.01 | 2.29 | 2.10 | 0.443 | 1.95 | 3.37 | 2.07 | 5.17 | 1.29 | 0.998 | 1.82 | 6.90 | 27 |
| 28 | 2.98 | 2.25 | 2.21 | 0.507 | 1.92 | 3.21 | 3.30 | 4.97 | 2.43 | 1.01 | 1.95 | 6.87 | 28 |
| 29 | 2.95 | | 2.53 | 0.515 | 1.92 | 3.18 | 3.17 | 4.79 | 4.87 | 0.993 | 2.24 | 6.83 | 29 |
| 30 | 2.94 | | 3.03 | 0.503 | 1.87 | 3.04 | 3.91 | 4.66 | 4.82 | 1.01 | 2.69 | 6.65E | 30 |
| 31 | 2.89 | | 4.29 | | 1.85 | | 4.84 | 4.53 | | 1.01 | | 6.45E | 31 |
| TOTAL | 100.83 | 73.35 | 71.05 | 139.816 | 97.400 | 57.68 | 82.33 | 115.81 | 77.28 | 84.974 | 42.72 | 162.67 | TOTAL |
| MEAN | 3.25 | 2.62 | 3.29 | 4.86 | 3.14 | 1.92 | 2.66 | 3.74 | 2.58 | 2.10 | 1.42 | 5.25 | MEAN |
| MAX | 3.56 | 2.90 | 4.29 | 11.6 | 8.78 | 3.53 | 5.75 | 5.38 | 4.87 | 4.81 | 2.69 | 6.90 | MAX |
| MIN | 2.89 | 2.25 | 1.42 | 0.443 | 0.470 | 1.50 | 1.35 | 2.56 | 1.29 | 0.869 | 1.00 | 2.93 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.98
MAXIMUM DAILY, 11.6 ON APR 8
MINIMUM DAILY, 0.443 ON APR 27
MAXIMUM INSTANTANEOUS,
12.2 AT 09:03 EST ON APR 9

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 40 30 N
LONG 78 20 45 W
DRAINAGE AREA, 326 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 8 710 | JUL | 7 110 |
| FEB | 6 340 | AUG | 10 000 |
| MAR | 6 140 | SEP | 6 680 |
| APR | 12 100 | OCT | 5 610 |
| MAY | 8 420 | NOV | 3 690 |
| JUN | 4 980 | DEC | 14 100 |

TOTAL DISCHARGE, 93 900 dam³

## MISSISSIPPI RIVER AT APPLETON - STATION NO 02KF006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 44.2 | 23.88 | 22.0 | 119 | 47.2 | 20.9 | 11.5 | 10.5 | 6.40 | 7.49 | 11.2 | 37.1 | 1 |
| 2 | 42.98 | 24.4 | 22.6 | 124 | 46.1 | 20.3 | 11.0 | 10.3 | 5.90 | 8.75 | 11.1 | 42.6 | 2 |
| 3 | 41.98 | 24.7 | 22.5 | 130 | 45.1 | 19.5 | 11.6 | 10.4 | 5.75 | 7.91 | 12.2 | 44.9 | 3 |
| 4 | 40.88 | 24.7 | 22.2 | 137 | 44.2 | 18.4 | 12.4 | 10.3 | 5.09 | 7.01 | 13.0 | 46.3 | 4 |
| 5 | 40.2 | 24.98 | 22.1 | 156 | 39.7 | 17.7 | 12.4 | 8.74 | 5.55 | 6.86 | 12.9 | 47.7 | 5 |
| 6 | 39.5 | 25.08 | 21.6 | 168 | 35.5 | 16.7 | 12.7 | 9.19 | 6.56 | 8.89 | 12.7 | 48.5 | 6 |
| 7 | 38.6 | 24.6 | 20.5 | 161 | 34.6 | 17.0 | 12.0 | 9.52 | 6.38 | 11.2 | 12.8 | 48.4 | 7 |
| 8 | 38.08 | 25.1 | 20.4 | 169 | 36.2 | 18.1 | 12.3 | 8.58 | 8.27 | 13.5 | 12.8 | 53.0 | 8 |
| 9 | 37.0 | 25.88 | 20.48 | 175 | 37.2 | 18.7 | 12.0 | 8.54 | 7.01 | 14.2 | 12.8 | 51.8 | 9 |
| 10 | 36.3 | 25.58 | 21.28 | 178 | 33.5 | 20.4 | 12.7 | 7.55 | 6.86 | 11.9 | 13.1 | 53.7 | 10 |
| 11 | 36.2 | 25.38 | 21.88 | 177 | 33.4 | 20.8 | 13.5 | 7.21 | 6.80 | 11.5 | 14.1 | 53.8 | 11 |
| 12 | 35.9 | 25.18 | 22.3 | 171 | 31.5 | 22.6 | 14.3 | 7.63 | 7.95 | 11.5 | 15.6 | 53.1 | 12 |
| 13 | 35.1 | 25.08 | 22.4 | 160 | 31.8 | 22.9 | 13.2 | 7.84 | 8.86 | 11.7 | 16.5 | 52.8 | 13 |
| 14 | 34.18 | 24.68 | 22.5 | 147 | 29.9 | 24.3 | 12.1 | 7.74 | 8.70 | 13.3 | 16.5 | 52.6 | 14 |
| 15 | 33.68 | 24.68 | 23.7 | 134 | 25.2 | 22.5 | 12.0 | 7.53 | 8.18 | 12.4 | 16.7 | 52.0 | 15 |
| 16 | 31.38 | 24.48 | 22.9 | 121 | 27.0 | 22.3 | 11.5 | 8.35 | 8.25 | 12.4 | 16.8 | 52.38 | 16 |
| 17 | 30.38 | 24.28 | 23.6 | 110 | 26.4 | 21.6 | 12.0 | 7.52 | 7.43 | 13.6 | 18.7 | 51.68 | 17 |
| 18 | 29.18 | 24.18 | 23.5 | 102 | 24.2 | 21.5 | 12.2 | 6.93 | 6.95 | 14.5 | 23.8 | 51.28 | 18 |
| 19 | 27.88 | 23.98 | 23.6 | 97.0 | 23.5 | 19.9 | 12.7 | 6.58 | 7.40 | 13.8 | 24.1 | 51.0 | 19 |
| 20 | 26.58 | 23.78 | 22.9 | 92.7 | 23.4 | 17.9 | 13.4 | 6.20 | 8.62 | 12.9 | 21.8 | 51.6 | 20 |
| 21 | 26.28 | 23.58 | 23.2 | 87.3 | 23.2 | 17.2 | 13.5 | 6.62 | 8.85 | 15.1 | 22.18 | 52.8 | 21 |
| 22 | 26.08 | 23.38 | 26.0 | 78.0 | 23.3 | 15.9 | 12.5 | 6.46 | 9.03 | 19.9 | 23.68 | 52.8 | 22 |
| 23 | 25.98 | 23.28 | 33.1 | 80.0 | 21.0 | 14.9 | 12.7 | 5.35 | 9.58 | 18.6 | 24.2 | 53.0 | 23 |
| 24 | 25.78 | 23.08 | 43.3 | 73.4 | 20.9 | 14.6 | 12.7 | 5.33 | 8.83 | 17.0 | 24.0 | 52.9 | 24 |
| 25 | 25.48 | 22.88 | 54.1 | 72.6 | 20.0 | 13.6 | 13.2 | 5.24 | 8.60 | 17.3 | 23.5 | 53.2 | 25 |
| 26 | 25.08 | 22.68 | 70.2 | 83.5 | 18.7 | 13.8 | 15.2 | 4.82 | 8.68 | 14.5 | 25.7 | 53.6 | 26 |
| 27 | 24.78 | 22.58 | 77.8 | 88.8 | 19.6 | 12.9 | 14.3 | 4.80 | 7.98 | 12.8 | 25.3 | 53.4 | 27 |
| 28 | 24.38 | 21.88 | 83.6 | 83.4 | 20.2 | 13.4 | 12.8 | 4.84 | 8.99 | 11.9 | 24.8 | 51.48 | 28 |
| 29 | 23.88 | | 90.0 | 86.2 | 22.3 | 13.0 | 12.8 | 5.36 | 9.48 | 11.5 | 26.2 | 48.98 | 29 |
| 30 | 22.98 | | 98.8 | 81.7 | 22.6 | 12.9 | 11.3 | 5.37 | 8.93 | 12.3 | 32.1 | 47.78 | 30 |
| 31 | 23.2 | | 110 | | 21.4 | | 10.3 | 6.54 | | 10.9 | | 46.38 | 31 |
| TOTAL | 991.2 | 676.0 | 1 161.1 | 3 520.6 | 907.8 | 546.2 | 388.6 | 226.28 | 231.88 | 390.21 | 580.7 | 1 563.0 | TOTAL |
| MEAN | 32.0 | 24.1 | 37.1 | 117 | 29.3 | 18.2 | 12.5 | 7.36 | 7.72 | 12.6 | 18.7 | 50.4 | MEAN |
| MAX | 44.2 | 25.8 | 110 | 178 | 47.2 | 24.3 | 15.2 | 10.5 | 9.58 | 19.9 | 32.1 | 53.8 | MAX |
| MIN | 22.9 | 21.8 | 20.4 | 61.7 | 18.7 | 12.9 | 10.3 | 4.84 | 5.75 | 7.01 | 11.1 | 37.1 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.6
MAXIMUM DAILY, 178 ON APR 10
MINIMUM DAILY, 4.84 ON AUG 28
MAXIMUM INSTANTANEOUS
178 AT 04:33 EST ON APR 10

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 36 N
LONG 76 07 27 W
DRAINAGE AREA, 2 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 85 600 | JUL | 33 600 |
| FEB | 58 400 | AUG | 19 700 |
| MAR | 89 500 | SEP | 20 000 |
| APR | 304 000 | OCT | 33 700 |
| MAY | 78 400 | NOV | 48 400 |
| JUN | 47 200 | DEC | 135 000 |

TOTAL DISCHARGE, 964 000 dam³

## MISSISSIPPI RIVER AT FERGUSONS FALLS - STATION NO 02KF001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 39.5 | 22.08 | 20.38 | 122 | 47.9 | 18.4 | 12.9 | 10.4 | 7.84 | 8.63 | 11.3 | 38.8 | 1 |
| 2 | 38.4 | 22.28 | 20.58 | 129 | 46.4 | 18.0 | 12.8 | 10.5 | 7.74 | 9.19 | 11.1 | 43.8 | 2 |
| 3 | 37.68 | 22.48 | 20.88 | 132 | 45.1 | 17.8 | 13.6 | 10.7 | 7.80 | 9.44 | 11.3 | 46.5 | 3 |
| 4 | 37.08 | 22.68 | 21.08 | 133 | 43.6 | 18.0 | 14.8 | 10.6 | 7.84 | 9.67 | 11.8 | 47.9 | 4 |
| 5 | 36.4 | 22.98 | 20.88 | 141 | 42.5 | 17.8 | 14.9 | 10.2 | 7.63 | 10.1 | 11.8 | 47.7 | 5 |
| 6 | 35.9 | 23.18 | 20.68 | 150 | 41.1 | 17.3 | 14.3 | 9.82 | 7.53 | 10.1 | 12.0 | 46.38 | 6 |
| 7 | 34.98 | 23.38 | 20.58 | 162 | 39.1 | 16.8 | 14.4 | 9.41 | 7.47 | 10.6 | 12.0 | 44.08 | 7 |
| 8 | 33.88 | 23.58 | 20.38 | 173 | 38.0 | 17.2 | 14.3 | 9.18 | 7.43 | 11.5 | 12.7 | 42.68 | 8 |
| 9 | 33.5 | 23.78 | 20.18 | 175 | 36.4 | 18.3 | 13.7 | 9.05 | 7.72 | 12.3 | 14.5 | 42.2 | 9 |
| 10 | 33.6 | 23.98 | 20.58 | 166 | 34.2 | 21.5 | 13.0 | 8.98 | 7.62 | 12.1 | 16.0 | 43.5 | 10 |
| 11 | 33.1 | 23.78 | 20.88 | 150 | 33.2 | 23.5 | 12.5 | 8.96 | 7.53 | 12.2 | 17.0 | 44.4 | 11 |
| 12 | 33.0 | 23.58 | 21.28 | 133 | 30.9 | 25.2 | 12.0 | 8.81 | 8.11 | 12.6 | 17.4 | 44.7 | 12 |
| 13 | 32.08 | 23.38 | 21.58 | 114 | 28.8 | 26.2 | 11.5 | 8.63 | 8.55 | 13.2 | 17.8 | 45.9 | 13 |
| 14 | 31.18 | 23.28 | 21.98 | 103 | 26.9 | 26.0 | 11.9 | 8.71 | 8.42 | 13.8 | 18.0 | 46.9 | 14 |
| 15 | 30.78 | 23.08 | 22.08 | 92.2 | 26.6 | 24.7 | 12.9 | 8.78 | 8.30 | 14.3 | 17.9 | 46.9 | 15 |
| 16 | 30.48 | 22.88 | 22.28 | 85.8 | 26.5 | 23.3 | 13.3 | 8.94 | 8.11 | 14.9 | 18.2 | 47.08 | 16 |
| 17 | 29.68 | 22.68 | 22.48 | 83.9 | 25.9 | 21.8 | 13.3 | 8.80 | 7.75 | 15.0 | 18.7 | 47.88 | 17 |
| 18 | 28.48 | 22.48 | 22.68 | 83.2 | 25.1 | 20.0 | 13.4 | 8.79 | 7.55 | 15.1 | 22.0 | 48.18 | 18 |
| 19 | 26.68 | 22.28 | 22.88 | 82.8 | 24.0 | 18.5 | 13.8 | 8.42 | 7.76 | 15.0 | 23.4 | 48.78 | 19 |
| 20 | 25.28 | 22.08 | 23.08 | 81.2 | 23.3 | 16.9 | 14.2 | 8.15 | 8.13 | 14.2 | 23.2 | 48.4 | 20 |
| 21 | 24.88 | 21.88 | 24.08 | 78.6 | 22.6 | 15.7 | 14.1 | 8.25 | 8.47 | 14.0 | 23.8 | 48.6 | 21 |
| 22 | 24.48 | 21.68 | 26.08 | 74.1 | 22.2 | 14.7 | 13.7 | 8.06 | 8.55 | 13.1 | 22.3 | 50.0 | 22 |
| 23 | 24.08 | 21.58 | 31.58 | 68.1 | 21.6 | 13.6 | 13.3 | 7.80 | 8.63 | 12.5 | 22.8 | 49.8 | 23 |
| 24 | 23.68 | 21.38 | 40.08 | 65.2 | 21.0 | 13.0 | 13.1 | 7.50 | 8.53 | 12.1 | 23.4 | 49.2 | 24 |
| 25 | 23.28 | 21.18 | 52.6 | 65.3 | 20.0 | 11.9 | 13.1 | 7.15 | 8.45 | 12.2 | 23.3 | 48.8 | 25 |
| 26 | 22.98 | 20.88 | 62.8 | 62.0 | 18.8 | 11.8 | 12.5 | 7.02 | 8.40 | 12.0 | 24.2 | 49.4 | 26 |
| 27 | 22.58 | 20.68 | 73.7 | 56.4 | 18.1 | 12.2 | 12.2 | 6.73 | 8.34 | 12.2 | 24.6 | 48.1 | 27 |
| 28 | 22.28 | 20.28 | 84.5 | 53.0 | 19.0 | 12.7 | 11.7 | 6.73 | 8.33 | 11.9 | 24.5 | 47.58 | 28 |
| 29 | 21.88 | | 94.3 | 49.6 | 22.1 | 12.9 | 11.4 | 7.17 | 8.36 | 11.7 | 26.2 | 46.28 | 29 |
| 30 | 21.58 | | 103 | 48.1 | 21.2 | 13.3 | 10.8 | 7.57 | 8.34 | 11.5 | 32.4 | 45.18 | 30 |
| 31 | 21.88 | | 112 | | 19.5 | | 10.4 | 7.81 | | 11.4 | | 43.88 | 31 |
| TOTAL | 913.4 | 627.1 | 1 130.2 | 3 118.5 | 911.6 | 540.1 | 403.7 | 267.41 | 241.23 | 378.63 | 566.0 | 1 441.8 | TOTAL |
| MEAN | 29.5 | 22.4 | 36.5 | 104 | 29.4 | 18.0 | 13.0 | 8.63 | 8.04 | 12.2 | 18.9 | 46.5 | MEAN |
| MAX | 39.5 | 23.9 | 112 | 175 | 47.9 | 26.2 | 14.9 | 10.7 | 8.63 | 15.1 | 32.4 | 50.0 | MAX |
| MIN | 21.5 | 20.2 | 20.1 | 48.1 | 18.1 | 11.8 | 10.4 | 6.73 | 7.43 | 8.63 | 11.1 | 38.8 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.8
MAXIMUM DAILY, 175 ON APR 9
MINIMUM DAILY, 6.73 ON AUG 27
MAXIMUM INSTANTANEOUS,
177 AT 03:45 EST ON APR 8

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 10 N
LONG 76 17 11 W
DRAINAGE AREA 2 620 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 78 900 | JUL | 34 900 |
| FEB | 54 200 | AUG | 23 100 |
| MAR | 97 600 | SEP | 20 800 |
| APR | 269 000 | OCT | 32 700 |
| MAY | 78 800 | NOV | 48 900 |
| JUN | 46 700 | DEC | 125 000 |

TOTAL DISCHARGE, 911 000 dam³

## MOIRA RIVER NEAR DELORO - STATION NO 02HL005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.978 | 1.22 B | 1.298 | 38.0 B | 3.22 | 1.07 | 0.517 | 0.032 | 0.024 | 0.037 | 0.837 | 10.8 | 1 |
| 2 | 2.768 | 1.24 B | 1.598 | 39.5 | 2.89 | 1.07 | 0.500 | 0.030 | 0.020 | 0.070 | 0.771 | 10.8 | 2 |
| 3 | 2.578 | 1.27 B | 2.148 | 34.1 | 2.63 | 0.950 | 0.479 | 0.023 | 0.015 | 0.100 | 0.784 | 9.708 | 3 |
| 4 | 2.438 | 1.31 B | 1.998 | 29.5 | 2.33 | 0.856 | 0.463 | 0.028 | 0.011 | 0.140 | 1.10 | 8.558 | 4 |
| 5 | 2.268 | 1.34 B | 1.828 | 34.1 | 2.05 | 0.906 | 0.436 | 0.018 | 0.011 | 0.123 | 1.36 | 7.508 | 5 |
| 6 | 2.168 | 1.37 B | 1.708 | 38.8 | 1.82 | 0.858 | 0.385 | 0.014 | 0.011 | 0.154 | 1.30 | 6.808 | 6 |
| 7 | 2.058 | 1.40 B | 2.128 | 39.7 | 1.83 | 0.878 | 0.335 | 0.012 | 0.010 | 0.258 | 1.24 | 5.858 | 7 |
| 8 | 1.978 | 1.43 B | 2.648 | 36.3 | 1.48 | 1.26 | 0.306 | 0.013 | 0.022 | 0.543 | 1.33 | 5.288 | 8 |
| 9 | 1.898 | 1.45 B | 3.308 | 30.8 | 1.28 | 1.37 | 0.303 | 0.014 | 0.098 | 0.651 | 2.27 | 5.808 | 9 |
| 10 | 1.828 | 1.46 B | 4.168 | 25.5 | 1.15 | 1.27 | 0.316 | 0.014 | 0.058 | 0.592 | 2.23 | 7.008 | 10 |
| 11 | 1.758 | 1.46 B | 3.878 | 20.3 | 1.08 | 1.18 | 0.368 | 0.011 | 0.091 | 0.583 | 1.97 | 7.308 | 11 |
| 12 | 1.708 | 1.44 B | 3.408 | 16.1 | 1.06 | 1.33 | 0.345 | 0.010 | 0.078 | 0.636 | 1.90 | 7.75 | 12 |
| 13 | 1.648 | 1.41 B | 3.148 | 12.9 | 1.03 | 1.62 | 0.308 | 0.010 | 0.068 | 0.618 | 1.90 | 7.84 | 13 |
| 14 | 1.588 | 1.37 B | 2.998 | 10.5 | 0.982 | 1.44 | 0.350 | 0.010 | 0.048 | 0.544 | 1.93 | 7.80 | 14 |
| 15 | 1.548 | 1.33 B | 2.778 | 8.94 | 1.24 | 1.24 | 0.434 | 0.010 | 0.037 | 0.555 | 1.82 | 7.01 | 15 |
| 16 | 1.498 | 1.29 B | 2.618 | 7.67 | 1.40 | 1.02 | 0.470 | 0.011 | 0.027 | 0.559 | 1.74 | 6.558 | 16 |
| 17 | 1.448 | 1.25 B | 2.408 | 6.58 | 1.35 | 0.882 | 0.379 | 0.016 | 0.110 | 0.549 | 1.69 | 7.068 | 17 |
| 18 | 1.398 | 1.22 B | 2.808 | 5.73 | 1.28 | 0.704 | 0.323 | 0.010 | 0.101 | 0.470 | 3.77 | 6.908 | 18 |
| 19 | 1.348 | 1.18 B | 3.268 | 4.99 | 1.30 | 0.710 | 0.291 | 0.009 | 0.026 | 0.476 | 4.34 | 6.158 | 19 |
| 20 | 1.308 | 1.15 B | 3.808 | 4.26 | 1.24 | 0.748 | 0.271 | 0.009 | 0.028 | 0.551 | 4.08 | 5.758 | 20 |
| 21 | 1.268 | 1.13 B | 4.738 | 3.71 | 1.08 | 0.619 | 0.228 | 0.008 | 0.074 | 0.454 | 3.46 | 7.458 | 21 |
| 22 | 1.238 | 1.11 B | 5.658 | 3.29 | 1.04 | 0.552 | 0.193 | 0.018 | 0.139 | 0.400 | 2.75 B | 7.708 | 22 |
| 23 | 1.208 | 1.08 B | 6.808 | 2.84 | 1.22 | 0.522 | 0.161 | 0.017 | 0.128 | 0.371 | 2.86 B | 7.66 | 23 |
| 24 | 1.178 | 1.05 B | 10.2 B | 2.60 | 1.28 | 0.428 | 0.130 | 0.011 | 0.092 | 0.353 | 2.98 | 7.068 | 24 |
| 25 | 1.158 | 1.03 B | 12.4 B | 2.43 | 1.18 | 0.371 | 0.111 | 0.010 | 0.057 | 0.601 | 3.17 | 7.458 | 25 |
| 26 | 1.138 | 1.01 B | 16.5 | 2.24 | 1.09 | 0.370 | 0.096 | 0.010 | 0.046 | 0.732 | 3.37 | 8.188 | 26 |
| 27 | 1.128 | 0.995B | 18.4 | 2.02 | 1.09 | 0.564 | 0.073 | 0.009 | 0.042 | 0.785 | 3.58 | 7.068 | 27 |
| 28 | 1.118 | 0.978B | 19.2 | 2.85 | 1.14 | 0.773 | 0.064 | 0.009 | 0.038 | 0.881 | 3.45 | 5.908 | 28 |
| 29 | 1.148 | | 18.3 | 3.63 | 1.10 | 0.649 | 0.046 | 0.010 | 0.034 | 0.908 | 4.63 | 5.158 | 29 |
| 30 | 1.168 | | 20.1 | 3.50 | 1.05 | 0.588 | 0.039 | 0.009 | 0.037 | 0.902 | 9.14 | 4.658 | 30 |
| 31 | 1.188 | | 29.0 | | 1.04 | | 0.035 | 0.010 | | 0.888 | | 4.208 | 31 |
| TOTAL | 50.92 | 34.970 | 215.91 | 473.38 | 44.782 | 26.878 | 8.735 | 0.436 | 1.621 | 15.475 | 77.782 | 219.83 | TOTAL |
| MEAN | 1.64 | 1.25 | 6.96 | 15.8 | 1.44 | 0.896 | 0.282 | 0.014 | 0.054 | 0.499 | 2.59 | 7.09 | MEAN |
| MAX | 2.97 | 1.46 | 29.0 | 39.7 | 3.22 | 1.62 | 0.517 | 0.032 | 0.139 | 0.908 | 9.14 | 10.9 | MAX |
| MIN | 1.11 | 0.975 | 1.29 | 2.02 | 0.982 | 0.370 | 0.035 | 0.008 | 0.010 | 0.037 | 0.771 | 4.20 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.21
MAXIMUM DAILY, 39.7 ON APR 7
MINIMUM DAILY, 0.008 ON AUG 21
MAXIMUM INSTANTANEOUS,
41.3 AT 03:23 EST ON APR 2

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 30 00 N
LONG 77 37 03 W
DRAINAGE AREA 308 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 400 | JUL | 755 |
| FEB | 3 020 | AUG | 37.7 |
| MAR | 18 700 | SEP | 140 |
| APR | 40 800 | OCT | 1 340 |
| MAY | 3 870 | NOV | 6 720 |
| JUN | 2 320 | DEC | 18 000 |

TOTAL DISCHARGE, 101 000 dam³

## MOIRA RIVER NEAR FOXBORO - STATION NO 02HL001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 42.8 | 19.0 | 19.7 | 173 | 45.4 | 11.0 | 5.87 | 1.59 | 1.33 | 3.85 | 7.45 | 50.0 | 1 |
| 2 | 40.6 | 19.4 | 19.0 | 204 | 42.8 | 10.2 | 5.78 | 1.56 | 1.44 | 3.70 | 7.36 | 51.1 | 2 |
| 3 | 37.6 | 19.5 | 20.3 | 228 | 39.4 | 10.2 | 5.56 | 1.57 | 1.42 | 2.80 | 7.42 | 58.6 | 3 |
| 4 | 35.48 | 19.1 | 22.6 | 234 | 35.7 | 10.2 | 5.51 | 1.69 | 1.38 | 2.51 | 7.59 | 70.6 | 4 |
| 5 | 34.9 | 18.7 | 24.5 | 244 | 32.4 | 9.69 | 5.22 | 1.66 | 1.30 | 2.44 | 8.38 | 86.6 | 5 |
| 6 | 33.7 | 18.8 | 25.5 | 261 | 29.5 | 9.21 | 4.94 | 1.60 | 1.25 | 2.39 | 9.07 | 84.7 | 6 |
| 7 | 32.6 | 18.7 | 27.7 | 281 | 27.3 | 9.09 | 4.82 | 1.51 | 1.21 | 2.81 | 8.69 | 58.4 | 7 |
| 8 | 29.3 | 18.7 | 35.2 | 286 | 24.9 | 10.4 | 4.56 | 1.58 | 1.29 | 3.67 | 10.9 | 54.3 | 8 |
| 9 | 30.4 | 17.9 | 44.2 | 273 | 22.6 | 11.7 | 4.25 | 1.56 | 1.51 | 3.88 | 12.8 | 51.6 | 9 |
| 10 | 29.6 | 18.28 | 46.9 | 251 | 20.9 | 11.8 | 4.09 | 1.53 | 1.60 | 4.16 | 13.8 | 51.1 | 10 |
| 11 | 29.0 | 18.08 | 48.2 | 225 | 18.2 | 11.7 | 3.72 | 1.49 | 1.45 | 4.79 | 14.8 | 51.8 | 11 |
| 12 | 28.2 | 17.88 | 47.7 | 199 | 17.7 | 12.0 | 3.58 | 1.46 | 1.70 | 5.34 | 15.1 | 53.5 | 12 |
| 13 | 27.6 | 17.48 | 46.3 | 174 | 16.4 | 12.8 | 3.40 | 1.32 | 2.04 | 5.72 | 15.4 | 55.7 | 13 |
| 14 | 26.8 | 16.78 | 44.2 | 151 | 15.3 | 13.7 | 3.96 | 1.33 | 2.04 | 5.84 | 15.7 | 56.6 | 14 |
| 15 | 26.7 | 16.48 | 42.6 | 131 | 15.3 | 14.5 | 4.70 | 1.22 | 1.85 | 6.03 | 15.7 | 57.0 | 15 |
| 16 | 25.2 | 18.88 | 41.2 | 113 | 14.5 | 14.0 | 4.45 | 1.20 | 1.59 | 5.86 | 15.4 | 57.3 | 16 |
| 17 | 23.5 | 18.88 | 40.2 | 98.5 | 14.4 | 12.3 | 4.14 | 1.19 | 3.41 | 5.86 | 15.0 | 56.7 | 17 |
| 18 | 23.5 | 18.88 | 40.6 | 86.2 | 14.2 | 10.5 | 3.84 | 1.08 | 4.26 | 5.62 | 14.7 | 53.5 | 18 |
| 19 | 22.58 | 18.88 | 42.3 | 76.3 | 13.7 | 9.41 | 3.76 | 1.06 | 3.76 | 5.56 | 17.9 | 53.5 | 19 |
| 20 | 23.08 | 18.78 | 45.4 | 68.4 | 12.7 | 8.29 | 3.80 | 0.962 | 3.79 | 5.56 | 21.4 | 54.4 | 20 |
| 21 | 23.08 | 18.8 | 48.1 | 60.5 | 12.4 | 7.14 | 3.44 | 0.908 | 4.25 | 5.41 | 23.9 | 56.2 | 21 |
| 22 | 22.38 | 18.7 | 51.2 | 54.0 | 11.6 | 6.55 | 3.16 | 1.07 | 4.29 | 5.21 | 23.8 | 59.2 | 22 |
| 23 | 21.88 | 18.7 | 57.3 | 48.5 | 11.1 | 6.21 | 2.94 | 1.04 | 4.03 | 5.41 | 23.3 | 60.9 | 23 |
| 24 | 21.68 | 18.7 | 68.7 | 45.8 | 10.5 | 5.64 | 2.80 | 1.02 | 4.10 | 5.60 | 23.0 | 60.8 | 24 |
| 25 | 20.68 | 18.3 | 78.3 | 42.1 | 9.87 | 5.28 | 2.80 | 0.983 | 3.69 | 5.62 | 24.4 | 61.0 | 25 |
| 26 | 20.68 | 18.2 | 91.8 | 39.6 | 7.00 | 5.58 | 2.52 | 0.962 | 3.42 | 5.85 | 26.3 | 63.4 | 26 |
| 27 | 19.98 | 14.8 | 105 | 37.3 | 8.17 | 6.18 | 2.45 | 0.921 | 3.21 | 6.17 | 27.5 | 64.2 | 27 |
| 28 | 19.88 | 14.7 | 115 | 35.9 | 10.0 | 6.18 | 2.33 | 0.858 | 2.97 | 6.86 | 28.7 | 61.7 | 28 |
| 29 | 19.6 | | 122 | 43.4 | 10.9 | 6.22 | 2.17 | 1.03 | 2.81 | 6.53 | 32.4 | 58.08 | 29 |
| 30 | 18.0 | | 124 | 45.6 | 11.5 | 6.08 | 1.83 | 0.931 | 3.09 | 7.26 | 40.6 | 58.08 | 30 |
| 31 | 19.4 | | 142 | | 11.5 | | 1.73 | 1.11 | | 7.38 | | 60.6 | 31 |
| TOTAL | 830.9 | 476.1 | 1 721.7 | 4 214.1 | 588.84 | 283.75 | 117.94 | 38.113 | 75.56 | 154.23 | 531.34 | 1 822.2 | TOTAL |
| MEAN | 26.8 | 17.0 | 55.5 | 140 | 19.0 | 9.46 | 3.80 | 1.26 | 2.52 | 4.98 | 17.7 | 58.8 | MEAN |
| MAX | 42.8 | 19.5 | 142 | 286 | 45.4 | 14.5 | 5.87 | 1.69 | 4.29 | 7.38 | 40.6 | 70.6 | MAX |
| MIN | 19.0 | 14.7 | 19.7 | 37.3 | 7.00 | 5.28 | 1.73 | 0.858 | 1.21 | 2.39 | 7.36 | 50.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 29.7
MAXIMUM DAILY, 286 ON APR 8
MINIMUM DAILY, 0.858 ON AUG 26
MAXIMUM INSTANTANEOUS,
286 AT 07 34 EST ON APR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 14 N
LONG 77 25 10 W
DRAINAGE AREA, 2 820 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 71 800 | JUL | 10 200 |
| FEB | 41 100 | AUG | 3 380 |
| MAR | 148 000 | SEP | 6 530 |
| APR | 364 000 | OCT | 13 300 |
| MAY | 50 800 | NOV | 45 900 |
| JUN | 24 500 | DEC | 157 000 |

TOTAL DISCHARGE, 938 000 dam³

## MOJIKIT LAKE RESERVOIR AT MOJIKIT LAKE - STATION NO 04CB003

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 324.620 | 324.480 | 324.420 | 324.380 | 324.550 | 324.660 | 324.630 | 324.630 | 324.650 | 324.500 | 324.410 | 324.370 | 1 |
| 2 | 324.610 | 324.480 | 324.420 | 324.370 | 324.580 | 324.660 | 324.630 | 324.640 | 324.650 | 324.520 | 324.410 | 324.370 | 2 |
| 3 | 324.610 | 324.480 | 324.420 | 324.370 | 324.580 | 324.660 | 324.640 | 324.640 | 324.640 | 324.500 | 324.410 | 324.370 | 3 |
| 4 | 324.600 | 324.450 | 324.410 | 324.370 | 324.580 | 324.650 | 324.630 | 324.650 | 324.630 | 324.490 | 324.420 | 324.370 | 4 |
| 5 | 324.600 | 324.450 | 324.410 | 324.370 | 324.560 | 324.650 | 324.620 | 324.640 | 324.620 | 324.480 | 324.420 | 324.370 | 5 |
| 6 | 324.600 | 324.450 | 324.410 | 324.370 | 324.580 | 324.650 | 324.620 | 324.630 | 324.630 | 324.500 | 324.420 | 324.360 | 6 |
| 7 | 324.600 | 324.450 | 324.410 | 324.360 | 324.580 | 324.650 | 324.620 | 324.640 | 324.630 | 324.500 | 324.290 | 324.360 | 7 |
| 8 | 324.600 | 324.450 | 324.420 | 324.360 | 324.580 | 324.650 | 324.620 | 324.630 | 324.620 | 324.490 | 324.360 | 324.360 | 8 |
| 9 | 324.590 | 324.440 | 324.410 | 324.380 | 324.590 | 324.660 | 324.610 | 324.630 | 324.620 | 324.480 | 324.360 | 324.360 | 9 |
| 10 | 324.590 | 324.440 | 324.400 | 324.400 | 324.590 | 324.640 | 324.610 | 324.630 | 324.620 | 324.480 | 324.370 | 324.360 | 10 |
| 11 | 324.580 | 324.440 | 324.400 | 324.410 | 324.600 | 324.650 | 324.600 | 324.620 | 324.620 | 324.470 | 324.370 | 324.360 | 11 |
| 12 | 324.580 | 324.440 | 324.400 | 324.410 | 324.590 | 324.660 | 324.610 | 324.610 | 324.620 | 324.480 | 324.370 | 324.370 | 12 |
| 13 | 324.580 | 324.440 | 324.400 | 324.420 | 324.580 | 324.660 | 324.630 | 324.620 | 324.620 | 324.490 | 324.370 | 324.370 | 13 |
| 14 | 324.570 | 324.430 | 324.400 | 324.420 | 324.600 | 324.670 | 324.630 | 324.620 | 324.610 | 324.490 | 324.380 | 324.370 | 14 |
| 15 | 324.550 | 324.430 | 324.390 | 324.430 | 324.600 | 324.660 | 324.640 | 324.620 | 324.600 | 324.490 | 324.370 | 324.370 | 15 |
| 16 | 324.530 | 324.430 | 324.390 | 324.440 | 324.610 | 324.660 | 324.630 | 324.620 | 324.600 | 324.440 | 324.380 | 324.370 | 16 |
| 17 | 324.530 | 324.420 | 324.390 | 324.450 | 324.610 | 324.650 | 324.620 | 324.640 | 324.590 | 324.440 | 324.390 | 324.370 | 17 |
| 18 | 324.530 | 324.420 | 324.390 | 324.450 | 324.610 | 324.650 | 324.620 | 324.640 | 324.580 | 324.440 | 324.380 | 324.380 | 18 |
| 19 | 324.520 | 324.420 | 324.390 | 324.470 | 324.610 | 324.650 | 324.620 | 324.640 | 324.580 | 324.440 | 324.380 | 324.370 | 19 |
| 20 | 324.520 | 324.420 | 324.390 | 324.480 | 324.610 | 324.640 | 324.640 | 324.650 | 324.570 | 324.440 | 324.340 | 324.380 | 20 |
| 21 | 324.510 | 324.420 | 324.390 | 324.490 | 324.620 | 324.640 | 324.630 | 324.650 | 324.570 | 324.440 | 324.380 | 324.370 | 21 |
| 22 | 324.500 | 324.430 | 324.390 | 324.490 | 324.640 | 324.640 | 324.640 | 324.650 | 324.580 | 324.430 | 324.380 | 324.380 | 22 |
| 23 | 324.490 | 324.420 | 324.390 | 324.500 | 324.650 | 324.640 | 324.640 | 324.650 | 324.580 | 324.430 | 324.380 | 324.380 | 23 |
| 24 | 324.490 | 324.420 | 324.380 | 324.500 | 324.650 | 324.640 | 324.650 | 324.650 | 324.550 | 324.420 | 324.380 | 324.380 | 24 |
| 25 | 324.480 | 324.420 | 324.400 | 324.500 | 324.650 | 324.640 | 324.650 | 324.650 | 324.540 | 324.420 | 324.360 | 324.350 | 25 |
| 26 | 324.470 | 324.420 | 324.400 | 324.510 | 324.650 | 324.650 | 324.650 | 324.650 | 324.530 | 324.410 | 324.360 | 324.350 | 26 |
| 27 | 324.470 | 324.420 | 324.400 | 324.550 | 324.650 | 324.650 | 324.650 | 324.650 | 324.520 | 324.420 | 324.360 | 324.350 | 27 |
| 28 | 324.460 | 324.430 | 324.400 | 324.540 | 324.650 | 324.650 | 324.650 | 324.650 | 324.520 | 324.420 | 324.360 | 324.350 | 28 |
| 29 | 324.460 | | 324.390 | 324.550 | 324.650 | 324.640 | 324.640 | 324.640 | 324.510 | 324.420 | 324.360 | 324.350 | 29 |
| 30 | 324.460 | | 324.390 | 324.550 | 324.650 | 324.640 | 324.640 | 324.650 | 324.520 | 324.420 | 324.370 | 324.360 | 30 |
| 31 | 324.460 | | 324.380 | | 324.650 | | 324.640 | 324.670 | | 324.410 | | 324.350 | 31 |
| MEAN | 324.541 | 324.434 | 324.400 | 324.445 | 324.608 | 324.651 | 324.630 | 324.639 | 324.590 | 324.454 | 324.374 | 324.361 | MEAN |
| MAX | 324.620 | 324.480 | 324.420 | 324.550 | 324.650 | 324.670 | 324.650 | 324.670 | 324.650 | 324.520 | 324.420 | 324.370 | MAX |
| MIN | 324.460 | 324.420 | 324.380 | 324.370 | 324.550 | 324.640 | 324.600 | 324.610 | 324.510 | 324.410 | 324.290 | 324.340 | MIN |

WATER LEVELS IN METRES

MEAN, 324.511
MAXIMUM DAILY, 324.670 ON JUN 14
MINIMUM DAILY, 324.290 ON NOV 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 15 N
LONG 88 12 30 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

## MONTREAL RIVER AT LOWER NOTCH GENERATING STATION - STATION NO 02JD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 45.9 | 37.6 | 51.1 | 86.5 | 88.7 | 61.3 | 17.8 | 18.5 | 0 | 19.1 | 9.30 | 35.3 | 1 |
| 2 | 45.0 | 87.8 | 104 | 79.4 | 4.40 | 37.1 | 2.70 | 44.5 | 0.500 | 26.1 | 21.4 | 46.5 | 2 |
| 3 | 44.9 | 108 | 151 | 117 | 42.9 | 88.1 | 16.1 | 26.6 | 0.800 | 0 | 15.0 | 50.6 | 3 |
| 4 | 54.5 | 75.6 | 95.8 | 95.0 | 110 | 57.1 | 19.1 | 51.7 | 7.70 | 0 | 7.80 | 61.3 | 4 |
| 5 | 82.6 | 87.3 | 76.6 | 54.0 | 108 | 40.1 | 0 | 24.1 | 0 | 18.2 | 30.3 | 13.2 | 5 |
| 6 | 75.2 | 69.9 | 32.2 | 86.6 | 94.6 | 28.6 | 119 | 89.7 | 0 | 12.8 | 39.5 | 28.1 | 6 |
| 7 | 86.0 | 63.5 | 2.00 | 87.7 | 102 | 1.00 | 15.1 | 21.4 | 0 | 11.8 | 0 | 31.1 | 7 |
| 8 | 62.7 | 84.2 | 8.70 | 68.7 | 56.8 | 56.0 | 80.1 | 0 | 19.2 | 21.1 | 0 | 75.0 | 8 |
| 9 | 52.0 | 107 | 181 | 76.4 | 58.6 | 111 | 87.3 | 0 | 26.8 | 31.3 | 5.18 | 77.7 | 9 |
| 10 | 19.2 | 91.3 | 6.00 | 70.1 | 4.40 | 33.5 | 14.0 | 42.2 | 12.7 | 0 | 22.4 | 62.5 | 10 |
| 11 | 28.2 | 78.6 | 22.2 | 63.8 | 88.5 | 47.0 | 9.20 | 50.9 | 24.8 | 3.60 | 17.7 | 105 | 11 |
| 12 | 64.7 | 92.7 | 36.5 | 82.1 | 50.2 | 37.6 | 1.20 | 22.0 | 25.8 | 5.30 | 24.0 | 83.2 | 12 |
| 13 | 87.3 | 109 | 39.8 | 97.8 | 113 | 38.1 | 32.2 | 85.7 | 0 | 20.0 | 17.1 | 63.0 | 13 |
| 14 | 90.1 | 38.9 | 0.400 | 83.3 | 55.1 | 40.2 | 0 | 82.3 | 4.00 | 6.80 | 11.5 | 56.5 | 14 |
| 15 | 58.7 | 30.0 | 2.00 | 92.3 | 20.5 | 59.0 | 2.50 | 4.80 | 5.30 | 6.80 | 3.90 | 73.0 | 15 |
| 16 | 54.2 | 45.0 | 62.3 | 135 | 49.0 | 78.6 | 5.00 | 1.80 | 18.2 | 30.5 | 27.3 | 72.9 | 16 |
| 17 | 62.4 | 77.8 | 38.9 | 53.4 | 0 | 21.3 | 36.7 | 32.5 | 27.1 | 31.4 | 26.1 | 107 | 17 |
| 18 | 30.6 | 71.1 | 42.3 | 88.5 | 3.70 | 47.8 | 19.8 | 9.20 | 5.40 | 21.3 | 21.1 | 44.8 | 18 |
| 19 | 91.9 | 82.8 | 64.1 | 25.6 | 43.4 | 49.7 | 10.5 | 18.5 | 0 | 33.5 | 25.3 | 53.4 | 19 |
| 20 | 98.8 | 41.4 | 58.6 | 86.7 | 44.8 | 0 | 31.9 | 20.5 | 0 | 51.8 | 89.4 | 56.8 | 20 |
| 21 | 111 | 53.2 | 27.8 | 84.4 | 37.4 | 0 | 57.8 | 32.4 | 28.9 | 27.1 | 8.00 | 61.6 | 21 |
| 22 | 96.5 | 56.9 | 13.8 | 61.6 | 58.1 | 55.3 | 79.7 | 2.30 | 23.6 | 54.5 | 0 | 78.1 | 22 |
| 23 | 123 | 110 | 77.3 | 42.5 | 82.0 | 68.1 | 38.5 | 0.900 | 0.300 | 57.3 | 25.6 | 90.9 | 23 |
| 24 | 35.6 | 64.7 | 86.1 | 57.7 | 0 | 74.3 | 4.00 | 10.8 | 15.3 | 14.0 | 21.9 | 82.8 | 24 |
| 25 | 53.6 | 90.1 | 67.9 | 10.2 | 14.2 | 18.4 | 0 | 8.20 | 9.30 | 17.8 | 85.6 | 27.6 | 25 |
| 26 | 103 | 61.1 | 92.0 | 0 | 76.8 | 20.1 | 11.1 | 0.200 | 0 | 14.7 | 15.3 | 58.7 | 26 |
| 27 | 101 | 88.4 | 32.2 | 81.2 | 88.9 | 3.80 | 43.4 | 0 | 0 | 41.8 | 25.2 | 81.5 | 27 |
| 28 | 112 | 73.5 | 81.8 | 53.4 | 77.1 | 0 | 31.8 | 0 | 25.0 | 30.6 | 30.8 | 78.2 | 28 |
| 29 | 109 | | 44.9 | 17.6 | 31.2 | 12.7 | 87.5 | 0 | 15.3 | 36.1 | 0 | 100 | 29 |
| 30 | 71.2 | | 74.7 | 54.5 | 26.0 | 32.6 | 64.1 | 2.80 | 20.7 | 58.7 | 26.5 | 114 | 30 |
| 31 | 63.3 | | 78.0 | | 36.8 | | 9.10 | 2.70 | | 2.90 | | 43.8 | 31 |
| TOTAL | 2 180.1 | 2 116.4 | 1 750.100 | 1 969.9 | 1 646.10 | 1 216.50 | 921.30 | 889.400 | 313.100 | 704.80 | 680.90 | 2 003.4 | TOTAL |
| MEAN | 70.3 | 75.6 | 56.5 | 65.7 | 53.1 | 40.6 | 29.7 | 21.6 | 10.4 | 22.7 | 22.7 | 64.6 | MEAN |
| MAX | 123 | 110 | 181 | 135 | 113 | 111 | 119 | 85.7 | 27.1 | 58.7 | 95.6 | 114 | MAX |
| MIN | 18.2 | 30.0 | 0.400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.2 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.3
MAXIMUM DAILY, 181 ON MAR 8
MINIMUM DAILY, 0 ON APR 26

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 08 16 N
LONG 79 27 15 W
DRAINAGE AREA, 6 800 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 188 000 | JUL | 79 500 |
| FEB | 183 000 | AUG | 87 600 |
| MAR | 151 000 | SEP | 27 100 |
| APR | 170 000 | OCT | 60 800 |
| MAY | 142 000 | NOV | 58 800 |
| JUN | 105 000 | DEC | 173 000 |

TOTAL DISCHARGE, 1 400 000 dam³

## MONTREAL RIVER AT MOUNTAIN CHUTES - STATION NO 02JD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25.4 | 21.3 | 23.1 | 33.2 | 71.8 | 41.0 | 24.0 | 32.8 | 10.3 | 10.5 | 20.8 | 21.3 | 1 |
| 2 | 25.4 | 21.3 | 23.6 | 36.6 | 76.9 | 40.5 | 23.1 | 29.2 | 9.87 | 12.6 | 20.6 | 21.5 | 2 |
| 3 | 25.1 | 22.6 | 23.4 | 38.7 | 77.0 | 44.1 | 23.1 | 26.2 | 9.80 | 13.6 | 20.8 | 25.0 | 3 |
| 4 | 24.9 | 23.8 | 23.2 | 40.1 | 76.2 | 50.7 | 21.8 | 24.6 | 9.40 | 16.3 | 23.0 | 28.2 | 4 |
| 5 | 24.8 | 24.1 | 22.9 | 41.1 | 74.2 | 51.3 | 22.1 | 23.7 | 9.31 | 17.9 | 25.0 | 29.9 | 5 |
| 6 | 24.9 | 24.9 | 22.7 | 42.0 | 72.1 | 47.4 | 23.6 | 23.5 | 9.30 | 19.9 | 22.4 | 30.1 | 6 |
| 7 | 24.9 | 25.3 | 23.3 | 43.8 | 63.6 | 44.0 | 24.6 | 23.7 | 9.46 | 24.1 | 21.5 | 29.6 | 7 |
| 8 | 24.8 | 26.0 | 23.5 | 45.6 | 60.4 | 41.7 | 25.1 | 22.9 | 9.25 | 24.4 | 20.8 | 29.7 | 8 |
| 9 | 24.8 | 25.3 | 23.7 | 47.5 | 59.7 | 37.3 | 24.3 | 21.9 | 9.75 | 25.5 | 20.3 | 30.2 | 9 |
| 10 | 25.5 | 24.2 | 23.8 | 49.2 | 58.0 | 34.5 | 23.7 | 21.6 | 9.38 | 26.6 | 19.8 | 30.9 | 10 |
| 11 | 26.1 | 23.7 | 23.7 | 52.4 | 56.8 | 32.6 | 23.3 | 19.3 | 9.37 | 26.7 | 19.2 | 30.8 | 11 |
| 12 | 26.5 | 23.5 | 22.7 | 57.3 | 53.8 | 32.7 | 22.9 | 17.9 | 9.33 | 27.0 | 18.2 | 30.1 | 12 |
| 13 | 26.9 | 23.1 | 21.4 | 63.4 | 48.3 | 33.4 | 21.1 | 17.3 | 9.28 | 26.9 | 18.1 | 29.7 | 13 |
| 14 | 26.7 | 22.7 | 19.4 | 68.9 | 43.2 | 34.7 | 19.6 | 16.1 | 9.56 | 26.2 | 16.9 | 29.2 | 14 |
| 15 | 26.6 | 22.4 | 18.4 | 71.7 | 36.3 | 36.7 | 19.7 | 15.0 | 9.42 | 26.2 | 18.7 | 29.5 | 15 |
| 16 | 25.2 | 22.5 | 17.7 | 70.6 | 34.3 | 37.3 | 20.4 | 14.6 | 9.72 | 27.8 | 18.7 | 29.5 | 16 |
| 17 | 24.9 | 22.7 | 17.3 | 63.4 | 34.0 | 36.6 | 20.8 | 14.3 | 9.83 | 27.9 | 18.7 | 28.9 | 17 |
| 18 | 24.7 | 22.8 | 17.0 | 58.2 | 33.2 | 36.4 | 21.7 | 13.7 | 9.61 | 28.1 | 19.3 | 28.3 | 18 |
| 19 | 23.8 | 22.9 | 17.1 | 54.7 | 32.2 | 34.5 | 25.6 | 13.7 | 9.58 | 27.6 | 19.2 | 28.2 | 19 |
| 20 | 23.3 | 22.7 | 17.1 | 52.4 | 32.2 | 30.8 | 30.2 | 13.2 | 9.75 | 26.3 | 20.1 | 28.2 | 20 |
| 21 | 23.3 | 22.6 | 17.1 | 51.6 | 33.3 | 28.8 | 32.3 | 12.4 | 9.75 | 25.6 | 20.3 | 28.1 | 21 |
| 22 | 23.3 | 22.7 | 17.2 | 48.9 | 33.7 | 26.9 | 31.9 | 12.9 | 9.78 | 24.7 | 20.0 | 28.2 | 22 |
| 23 | 23.4 | 22.9 | 17.3 | 48.6 | 33.5 | 25.4 | 30.8 | 12.6 | 9.84 | 23.0 | 20.3 | 27.7 | 23 |
| 24 | 23.3 | 23.1 | 17.5 | 48.1 | 34.3 | 21.3 | 30.4 | 12.2 | 9.90 | 21.6 | 20.7 | 27.8 | 24 |
| 25 | 23.3 | 22.8 | 17.3 | 47.5 | 34.4 | 20.0 | 28.0 | 12.0 | 9.85 | 21.2 | 20.7 | 27.7 | 25 |
| 26 | 23.1 | 22.5 | 18.5 | 46.5 | 35.0 | 17.2 | 42.1 | 11.0 | 9.83 | 20.3 | 20.6 | 27.0 | 26 |
| 27 | 22.8 | 22.5 | 20.2 | 42.8 | 37.2 | 20.1 | 45.3 | 10.6 | 9.33 | 20.3 | 20.4 | 26.9 | 27 |
| 28 | 23.0 | 22.6 | 23.0 | 45.9 | 38.6 | 24.4 | 44.4 | 10.8 | 9.44 | 20.8 | 20.3 | 26.6 | 28 |
| 29 | 22.7 | | 25.8 | 49.2 | 40.5 | 25.1 | 40.8 | 10.9 | 10.1 | 20.7 | 20.4 | 26.4 | 29 |
| 30 | 22.8 | | 29.2 | 56.9 | 41.5 | 24.8 | 33.3 | 10.3 | 10.7 | 20.8 | 21.0 | 26.1 | 30 |
| 31 | 22.6 | | 31.9 | | 41.4 | | 35.5 | 10.6 | | 20.7 | | 26.1 | 31 |
| TOTAL | 755.8 | 649.6 | 680.0 | 1 515.8 | 1 497.4 | 1 009.1 | 867.4 | 531.7 | 289.42 | 705.7 | 610.8 | 887.4 | TOTAL |
| MEAN | 24.4 | 23.2 | 21.3 | 50.5 | 48.3 | 33.6 | 28.0 | 17.2 | 9.65 | 22.8 | 20.4 | 28.0 | MEAN |
| MAX | 26.9 | 26.0 | 31.9 | 71.7 | 77.0 | 51.3 | 45.3 | 32.8 | 10.7 | 28.2 | 25.0 | 30.9 | MAX |
| MIN | 22.6 | 21.3 | 17.0 | 33.2 | 32.2 | 17.2 | 19.5 | 10.3 | 9.25 | 10.5 | 18.7 | 21.3 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.3
MAXIMUM DAILY, 77.0 ON MAY 3
MINIMUM DAILY, 9.25 ON SEP 8
MAXIMUM INSTANTANEOUS
79.1 AT 16.32 EST ON MAY 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 21 N
LONG 80 11 28 W
DRAINAGE AREA, 4 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 65 300 | JUL | 74 900 |
| FEB | 56 100 | AUG | 45 800 |
| MAR | 67 000 | SEP | 25 000 |
| APR | 131 000 | OCT | 61 000 |
| MAY | 129 000 | NOV | 52 800 |
| JUN | 87 200 | DEC | 74 900 |

TOTAL DISCHARGE, 860 000 dam³

## MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR - STATION NO 02BE002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25.3 | 31.7 | 55.5 | 75.9 | 33.1 | 26.3 | 0.934 | 25.1 | 33.4 | 20.6 | 11.6 | 29.6 | 1 |
| 2 | 28.3 | 38.1 | 54.1 | 64.7 | 35.9 | 31.3 | 17.8 | 1.56 | 25.8 | 37.0 | 23.8 | 24.6 | 2 |
| 3 | 29.7 | 40.6 | 42.6 | 71.8 | 29.0 | 30.4 | 26.3 | 25.8 | 34.1 | 17.7 | 34.1 | 24.2 | 3 |
| 4 | 20.2 | 50.0 | 50.0 | 32.1 | 32.3 | 23.1 | 16.6 | 29.5 | 25.3 | 11.3 | 21.2 | 25.6 | 4 |
| 5 | 20.4 | 52.7 | 52.8 | 30.7 | 37.9 | 25.9 | 9.551 | 25.5 | 21.1 | 15.6 | 46.0 | 25.6 | 5 |
| 6 | 29.6 | 48.1 | 33.6 | 28.7 | 41.3 | 28.6 | 3.08 | 25.2 | 18.1 | 11.2 | 35.3 | 22.2 | 6 |
| 7 | 35.3 | 48.1 | 42.8 | 45.3 | 41.3 | 25.9 | 18.5 | 25.2 | 9.83 | 36.1 | 20.0 | 20.4 | 7 |
| 8 | 24.5 | 55.6 | 37.7 | 40.5 | 40.4 | 26.8 | 21.0 | 15.9 | 35.5 | 18.4 | 23.1 | 35.3 | 8 |
| 9 | 31.7 | 51.0 | 53.2 | 31.6 | 29.0 | 38.1 | 17.1 | 17.4 | 17.4 | 23.4 | 42.1 | 21.1 | 9 |
| 10 | 28.6 | 51.0 | 53.8 | 35.0 | 21.8 | 37.0 | 20.8 | 14.7 | 11.0 | 23.6 | 31.3 | 20.4 | 10 |
| 11 | 24.6 | 51.0 | 53.2 | 30.3 | 37.7 | 18.3 | 18.1 | 34.0 | 20.8 | 15.3 | 20.4 | 21.7 | 11 |
| 12 | 22.4 | 55.2 | 40.8 | 38.1 | 38.9 | 21.5 | 15.6 | 30.3 | 23.9 | 9.34 | 32.0 | 20.4 | 12 |
| 13 | 29.2 | 62.0 | 44.1 | 29.6 | 31.3 | 22.4 | 17.3 | 33.4 | 25.9 | 18.0 | 29.6 | 18.5 | 13 |
| 14 | 29.3 | 61.0 | 33.6 | 43.9 | 52.2 | 15.5 | 18.3 | 33.6 | 22.4 | 18.4 | 14.7 | 25.1 | 14 |
| 15 | 35.5 | 55.5 | 36.1 | 37.4 | 48.0 | 18.8 | 16.7 | 13.5 | 32.0 | 20.0 | 18.7 | 21.0 | 15 |
| 16 | 37.4 | 49.6 | 33.8 | 35.4 | 37.7 | 22.5 | 18.4 | 20.0 | 23.6 | 20.4 | 29.2 | 25.8 | 16 |
| 17 | 32.0 | 53.2 | 40.5 | 29.3 | 55.6 | 26.2 | 25.2 | 13.6 | 25.3 | 14.7 | 31.3 | 18.6 | 17 |
| 18 | 28.8 | 48.1 | 40.1 | 33.8 | 50.7 | 20.8 | 17.3 | 25.9 | 25.2 | 10.8 | 26.1 | 25.5 | 18 |
| 19 | 31.7 | 59.0 | 37.0 | 29.2 | 49.3 | 26.2 | 11.0 | 31.3 | 15.4 | 25.2 | 29.6 | 27.0 | 19 |
| 20 | 37.0 | 51.0 | 30.7 | 32.3 | 47.6 | 21.2 | 23.4 | 26.2 | 17.1 | 25.2 | 29.6 | 26.6 | 20 |
| 21 | 39.9 | 39.9 | 30.2 | 38.9 | 52.4 | 13.6 | 25.9 | 25.3 | 24.8 | 11.3 | 29.6 | 28.7 | 21 |
| 22 | 45.4 | 53.2 | 32.3 | 43.9 | 47.9 | 21.1 | 12.7 | 15.3 | 29.7 | 17.4 | 20.1 | 23.1 | 22 |
| 23 | 55.2 | 48.1 | 32.3 | 50.0 | 39.1 | 22.4 | 21.1 | 13.9 | 18.8 | 13.0 | 28.6 | 28.5 | 23 |
| 24 | 38.8 | 54.2 | 41.1 | 47.6 | 20.8 | 29.2 | 26.8 | 25.8 | 25.8 | 16.1 | 28.7 | 14.2 | 24 |
| 25 | 33.6 | 43.0 | 41.8 | 38.9 | 35.1 | 28.7 | 21.0 | 30.7 | 33.6 | 23.1 | 27.8 | 0 | 25 |
| 26 | 51.0 | 50.0 | 38.5 | 37.9 | 49.6 | 27.3 | 0 | 22.8 | 15.0 | 18.4 | 28.5 | 0 | 26 |
| 27 | 34.5 | 47.0 | 40.8 | 46.6 | 32.3 | 12.5 | 21.8 | 23.4 | 20.0 | 18.6 | 27.6 | 21.7 | 27 |
| 28 | 28.7 | 46.3 | 29.6 | 37.4 | 39.1 | 19.3 | 36.9 | 23.8 | 26.9 | 22.8 | 24.2 | 23.6 | 28 |
| 29 | 40.4 | | 31.7 | 55.2 | 39.9 | 25.5 | 32.0 | 23.9 | 36.5 | 22.1 | 33.6 | 22.4 | 29 |
| 30 | 42.1 | | 33.8 | 40.6 | 25.8 | 11.9 | 30.9 | 18.7 | 40.5 | 18.7 | 23.6 | 25.6 | 30 |
| 31 | 35.5 | | 67.1 | | 25.3 | | 27.0 | 22.1 | | 10.9 | | 14.7 | 31 |
| TOTAL | 1 034.9 | 1 384.4 | 1 279.6 | 1 213.6 | 1 184.5 | 719.4 | 579.345 | 714.56 | 737.53 | 583.64 | 817.0 | 680.3 | TOTAL |
| MEAN | 33.4 | 49.8 | 41.3 | 40.5 | 38.3 | 24.0 | 18.7 | 23.1 | 24.6 | 18.8 | 27.2 | 21.9 | MEAN |
| MAX | 55.2 | 62.0 | 67.1 | 75.9 | 55.6 | 38.1 | 36.9 | 34.0 | 40.5 | 37.0 | 46.0 | 35.3 | MAX |
| MIN | 20.2 | 31.7 | 21.7 | 20.7 | 20.8 | 11.9 | 0 | 1.56 | 9.63 | 9.34 | 11.6 | 0 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.0
MAXIMUM DAILY, 75.9 ON APR 1
MINIMUM DAILY, 0 ON JUL 26

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 12 50 N
LONG 84 37 10 W
DRAINAGE AREA, 2 880 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 89 400 | JUL | 50 100 |
| FEB | 120 000 | AUG | 61 700 |
| MAR | 111 000 | SEP | 63 700 |
| APR | 105 000 | OCT | 50 400 |
| MAY | 103 000 | NOV | 70 600 |
| JUN | 62 200 | DEC | 58 800 |

TOTAL DISCHARGE, 946 000 dam³

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

REGULATED SINCE 1935

REMARKS - PRIOR TO 1980 PUBLISHED AS "MONTREAL RIVER AT RAILWAY BRIDGE"

## MOON RIVER AT HIGHWAY NO 69 - STATION NO 02EB011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.01 | 1.65 | 1.47 | 77.7 | 18.2 | 14.7 | 0.238 | 0.641 | 0.988 | 0.788 | 1.32E | 3.90E | 1 |
| 2 | 1.97 | 1.63 | 1.78 | 84.2 | 16.6 | 14.6 | 0.238 | 0.691 | 0.985 | 0.817 | 1.28E | 3.40E | 2 |
| 3 | 1.95 | 1.61 | 1.84 | 89.4 | 17.1 | 14.9 | 0.248 | 0.733 | 1.00 | 0.793 | 1.26E | 3.17A | 3 |
| 4 | 1.91 | 1.59 | 1.78 | 92.5 | 16.6 | 14.5 | 0.328 | 0.751 | 0.860 | 0.792 | 1.50E | 3.08 | 4 |
| 5 | 1.91 | 1.61 | 1.75 | 86.5 | 16.3 | 14.4 | 0.328 | 0.748 | 0.938 | 0.803 | 1.95E | 2.97 | 5 |
| 6 | 1.87 | 1.57 | 1.70 | 102 | 15.9 | 14.4 | 0.282 | 0.729 | 0.935 | 0.848 | 2.30E | 2.86 | 6 |
| 7 | 1.86 | 1.57 | 1.79 | 88.9 | 17.5 | 14.1 | 0.285 | 0.783 | 0.910 | 0.916 | 2.70E | 2.72 | 7 |
| 8 | 1.81 | 1.64 | 2.14 | 81.2 | 17.3 | 13.4 | 0.243 | 0.772 | 0.898 | 0.845 | 3.00E | 2.70 | 8 |
| 9 | 1.80 | 1.58 | 2.57 | 38.9 | 17.8 | 3.43 | 0.229 | 0.822 | 0.878 | 0.826 | 3.50E | 3.11 | 9 |
| 10 | 1.83 | 1.57 | 2.62 | 34.3 | 18.0 | 2.43 | 0.233 | 0.830 | 0.846 | 0.819 | 3.90E | 4.95 | 10 |
| 11 | 1.80 | 1.56 | 2.39 | 32.1 | 18.0 | 2.36 | 0.256 | 0.819 | 0.830 | 0.785 | 3.00E | 3.97 | 11 |
| 12 | 1.73 | 1.51 | 2.26 | 32.0 | 17.4 | 2.14 | 0.271 | 0.838 | 0.805 | 0.822 | 2.40E | 3.80 | 12 |
| 13 | 1.71 | 1.50 | 2.19 | 31.9 | 17.7 | 2.06 | 0.298 | 0.855 | 0.749 | 0.808 | 2.15E | 4.03 | 13 |
| 14 | 1.68 | 1.48 | 2.12 | 27.7 | 16.9 | 1.99 | 0.384 | 0.885 | 0.726 | 0.787 | 2.20E | 4.54 | 14 |
| 15 | 1.67 | 1.45 | 2.06 | 18.2 | 16.8 | 2.06 | 0.420 | 1.11 | 0.719 | 0.809 | 2.22E | 10.4 | 15 |
| 16 | 1.63 | 1.46 | 2.00 | 18.3 | 16.2 | 2.08 | 0.431 | 1.00 | 0.727 | 0.814 | 2.15E | 34.7 | 16 |
| 17 | 1.62 | 1.47 | 1.94 | 14.6 | 16.6 | 2.08 | 0.458 | 0.907 | 0.720 | 0.791 | 1.80E | 53.6 | 17 |
| 18 | 1.61 | 1.48 | 1.84 | 15.3 | 16.5 | 2.09 | 0.471 | 0.810 | 0.720 | 0.801 | 1.65E | 55.5 | 18 |
| 19 | 1.65 | 1.41 | 1.97 | 15.1 | 16.1 | 2.05 | 0.500 | 0.948 | 0.725 | 0.780 | 1.82E | 55.6 | 19 |
| 20 | 1.65 | 1.43 | 2.11 | 14.9 | 16.6 | 2.15 | 0.584 | 0.930 | 0.724 | 0.774 | 1.82E | 55.5 | 20 |
| 21 | 1.67 | 1.44 | 2.33 | 15.0 | 17.0 | 2.23 | 0.547 | 0.970 | 0.714 | 0.769 | 1.55E | 54.9 | 21 |
| 22 | 1.67 | 1.41 | 2.60 | 16.4 | 17.0 | 2.28 | 0.510 | 0.972 | 0.695 | 0.767 | 1.20E | 56.4 | 22 |
| 23 | 1.68 | 1.38 | 3.65 | 17.0 | 17.3 | 2.20 | 0.514 | 0.932 | 0.694 | 0.811 | 2.00E | 86.9 | 23 |
| 24 | 1.68 | 1.39 | 4.94 | 18.7 | 18.7 | 1.73 | 0.547 | 0.960 | 0.703 | 0.878 | 1.05E | 65.4 | 24 |
| 25 | 1.70 | 1.36 | 6.19 | 18.2 | 16.9 | 0.638 | 0.596 | 0.931 | 0.727 | 0.803 | 1.10E | 62.3 | 25 |
| 26 | 1.68 | 1.34 | 16.6 | 18.3 | 16.9 | 0.390 | 0.583 | 0.830 | 0.731 | 0.832 | 1.15E | 59.0 | 26 |
| 27 | 1.65 | 1.33 | 38.1 | 18.5 | 17.2 | 0.241 | 0.584 | 0.824 | 0.765 | 0.892 | 1.13E | 55.9 | 27 |
| 28 | 1.63 | 1.32 | 47.8 | 18.6 | 17.7 | 0.181 | 0.571 | 0.833 | 0.781 | 1.24 A | 1.12E | 51.9 | 28 |
| 29 | 1.61 | | 49.3 | 18.7 | 16.6 | 0.213 | 0.588 | 0.830 | 0.810 | 1.50 E | 1.10E | 47.8 | 29 |
| 30 | 1.64 | | 53.2 | 19.0 | 16.4 | 0.225 | 0.617 | 0.845 | 0.845 | 1.45 E | 1.70E | 44.9 | 30 |
| 31 | 1.68 | | 74.7 | | 16.6 | | 0.642 | 1.03 | | 1.36 E | | 31.5 | 31 |
| TOTAL | 53.96 | 41.74 | 350.17 | 1 143.3 | 526.2 | 151.479 | 12.994 | 27.119 | 24.279 | 27.732 | 56.62 | 511.80 | TOTAL |
| MEAN | 1.74 | 1.49 | 11.3 | 38.1 | 17.0 | 5.05 | 0.419 | 0.875 | 0.809 | 0.895 | 1.89 | 29.4 | MEAN |
| MAX | 2.01 | 1.65 | 74.7 | 102 | 18.2 | 14.9 | 0.642 | 1.11 | 1.00 | 1.50 | 3.90 | 86.9 | MAX |
| MIN | 1.61 | 1.32 | 1.47 | 14.6 | 15.9 | 0.181 | 0.229 | 0.641 | 0.694 | 0.769 | 1.05 | 2.70 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.12
MAXIMUM DAILY, 102 ON APR 6
MINIMUM DAILY, 0.181 ON JUN 28
MAXIMUM INSTANTANEOUS
107 AT 13 19 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 48 N
LONG 78 47 12 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 880 | JUL | 1 120 |
| FEB | 3 610 | AUG | 2 340 |
| MAR | 30 300 | SEP | 2 100 |
| APR | 98 800 | OCT | 2 400 |
| MAY | 45 500 | NOV | 4 890 |
| JUN | 13 100 | DEC | 78 800 |

TOTAL DISCHARGE, 288 000 dam³

## MOOSE CREEK AT LEVACK - STATION NO 02CF013

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.031B | 0.055B | 0.200B | 0.715 | 0.642 | 0.348 | 0.139 | 0.018E | 0.018 | 0.085 | 0.261 | 0.345B | 1 |
| 2 | 0.030B | 0.057B | 0.175B | 0.508 | 0.621 | 0.421 | 0.084 | 0.028E | 0.018 | 0.318 | 0.284 | 0.500B | 2 |
| 3 | 0.029B | 0.062B | 0.155B | 0.395 | 0.582 | 0.441 | 0.137 | 0.018E | 0.018 | 0.287 | 0.270 | 0.420B | 3 |
| 4 | 0.029B | 0.067B | 0.138B | 0.314 | 0.567 | 0.407 | 0.184 | 0.019E | 0.016 | 0.263 | 0.297 | 0.370B | 4 |
| 5 | 0.029B | 0.069B | 0.210B | 0.327 | 0.583 | 0.297 | 0.217 | 0.017E | 0.015 | 0.268 | 0.294 | 0.338B | 5 |
| 6 | 0.029B | 0.084B | 0.260B | 0.381 | 0.513 | 0.247 | 0.231 | 0.016E | 0.015 | 0.233 | 0.277 | 0.305B | 6 |
| 7 | 0.028B | 0.080B | 0.316 | 0.368 | 0.429 | 0.243 | 0.277 | 0.022E | 0.015 | 0.196 | 0.274 | 0.285B | 7 |
| 8 | 0.028B | 0.057B | 0.305 | 0.320 | 0.387 | 0.248 | 0.284 | 0.017E | 0.016 | 0.135 | 0.261 | 0.300B | 8 |
| 9 | 0.028B | 0.055B | 0.271 | 0.301 | 0.401 | 0.236 | 0.185 | 0.015E | 0.026 | 0.083 | 0.258B | 0.350B | 9 |
| 10 | 0.028B | 0.052B | 0.245B | 0.387 | 0.388 | 0.193 | 0.087 | 0.014E | 0.018 | 0.059 | 0.252B | 0.420B | 10 |
| 11 | 0.028B | 0.050B | 0.225B | 0.475 | 0.391 | 0.202 | 0.067 | 0.014E | 0.055 | 0.055 | 0.246B | 0.440B | 11 |
| 12 | 0.028B | 0.048B | 0.205B | 0.383 | 0.323 | 0.182 | 0.044 | 0.013E | 0.026 | 0.045 | 0.242B | 0.455B | 12 |
| 13 | 0.042B | 0.047B | 0.191B | 0.283 | 0.251 | 0.089 | 0.036 | 0.012E | 0.024 | 0.043 | 0.238B | 0.455B | 13 |
| 14 | 0.189B | 0.045B | 0.177B | 0.225 | 0.232 | 0.070 | 0.028 | 0.026E | 0.022 | 0.118 | 0.235B | 0.445B | 14 |
| 15 | 0.165B | 0.043B | 0.170B | 0.344 | 0.211 | 0.308 | 0.024A | 0.048E | 0.021 | 0.711 | 0.235B | 0.458B | 15 |
| 16 | 0.145B | 0.042B | 0.167B | 0.569 | 0.184 | 0.518 | 0.023E | 0.054E | 0.019 | 0.634 | 0.260B | 0.785B | 16 |
| 17 | 0.134B | 0.041B | 0.205B | 0.892 | 0.208 | 0.436 | 0.022E | 0.040E | 0.016 | 0.574 | 0.361 | 0.960B | 17 |
| 18 | 0.122B | 0.040B | 0.235B | 0.757 | 0.215 | 0.494 | 0.032E | 0.031E | 0.014 | 0.531 | 0.378 | 0.800B | 18 |
| 19 | 0.111B | 0.040B | 0.275B | 0.760 | 0.218 | 0.545 | 0.040E | 0.029E | 0.022 | 0.482 | 0.353 | 0.730B | 19 |
| 20 | 0.103B | 0.058B | 0.348 | 0.753 | 0.213 | 0.539 | 0.042E | 0.027E | 0.032 | 0.422 | 0.331 | 0.680B | 20 |
| 21 | 0.097B | 0.100B | 0.431 | 0.710 | 0.232 | 0.555 | 0.030E | 0.023E | 0.037 | 0.359 | 0.305B | 0.650B | 21 |
| 22 | 0.090B | 0.150B | 0.524 | 0.575 | 0.350 | 0.542 | 0.024E | 0.024E | 0.030 | 0.358 | 0.290B | 0.615B | 22 |
| 23 | 0.085B | 0.220B | 0.611 | 0.373 | 0.344 | 0.501 | 0.022E | 0.022E | 0.026 | 0.345 | 0.278B | 0.580B | 23 |
| 24 | 0.079B | 0.310B | 0.726 | 0.362 | 0.304 | 0.235 | 0.040E | 0.020E | 0.030 | 0.348 | 0.290B | 0.565B | 24 |
| 25 | 0.075B | 0.284 | 0.782 | 0.507 | 0.280 | 0.338 | 0.034E | 0.018A | 0.020 | 0.312 | 0.400B | 0.545B | 25 |
| 26 | 0.071B | 0.265B | 0.909 | 0.606 | 0.279 | 0.416 | 0.026E | 0.018 | 0.018 | 0.295 | 0.350B | 0.525B | 26 |
| 27 | 0.067B | 0.278B | 0.944 | 0.725 | 0.318 | 0.451 | 0.021E | 0.016 | 0.019 | 0.308 | 0.270B | 0.505B | 27 |
| 28 | 0.065B | 0.250B | 0.973 | 0.763 | 0.308 | 0.491 | 0.020E | 0.015 | 0.020 | 0.310 | 0.265B | 0.485B | 28 |
| 29 | 0.062B | | 1.02 | 0.716 | 0.293 | 0.467 | 0.019E | 0.016 | 0.050 | 0.293 | 0.220B | 0.470B | 29 |
| 30 | 0.058B | | 1.19 | 0.669 | 0.316 | 0.246 | 0.019E | 0.016 | 0.036 | 0.295 | 0.270B | 0.460B | 30 |
| 31 | 0.057B | | 0.997 | | 0.342 | | 0.018E | 0.019 | | 0.278 | | 0.450B | 31 |
| TOTAL | 2.183 | 2.933 | 13.583 | 15.244 | 10.985 | 10.688 | 2.476 | 0.683 | 0.702 | 9.080 | 8.455 | 15.700 | TOTAL |
| MEAN | 0.070 | 0.105 | 0.438 | 0.508 | 0.354 | 0.356 | 0.080 | 0.022 | 0.023 | 0.293 | 0.282 | 0.506 | MEAN |
| MAX | 0.189 | 0.310 | 1.19 | 0.763 | 0.642 | 0.555 | 0.284 | 0.054 | 0.055 | 0.711 | 0.400 | 0.950 | MAX |
| MIN | 0.028 | 0.040 | 0.138 | 0.225 | 0.184 | 0.070 | 0.018 | 0.012 | 0.014 | 0.043 | 0.205 | 0.285 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.254
MAXIMUM DAILY, 1.19 ON MAR 30
MINIMUM DAILY, 0.012E ON AUG 13
MAXIMUM INSTANTANEOUS,
1.28 AT 06 53 EST ON MAR 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 36 06 N
LONG 81 23 25 W
DRAINAGE AREA, 40.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 187 | JUL | 214 |
| FEB | 253 | AUG | 59.6 |
| MAR | 1 170 | SEP | 60.7 |
| APR | 1 320 | OCT | 785 |
| MAY | 947 | NOV | 731 |
| JUN | 923 | DEC | 1 360 |

TOTAL DISCHARGE, 8 010 dam³

## MOOSE RIVER ABOVE MOOSE RIVER - STATION NO 04LG004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 250B | 220B | 260B | 271B | 1 080 | 880E | 381A | 617 | 337 | 388 | 470 | 525B | 1 |
| 2 | 295B | 200B | 260B | 267B | 1 040 | 830E | 236A | 561 | 361 | 523 | 500 | 510B | 2 |
| 3 | 320B | 240B | 258B | 219B | 981 | 818A | 224A | 470 | 356 | 552 | 456 | 500B | 3 |
| 4 | 317B | 263B | 252B | 220B | 919 | 788A | 337A | 423 | 341 | 545 | 495 | 470B | 4 |
| 5 | 308B | 264B | 275B | 205B | 876 | 760A | 385A | 509 | 334 | 580 | 489 | 460B | 5 |
| 6 | 320B | 260B | 263B | 217B | 799 | 856A | 315A | 726 | 315 | 562 | 527 | 430B | 6 |
| 7 | 320B | 250B | 302B | 222B | 879 | 704A | 337A | 791 | 274 | 560 | 534 | 405B | 7 |
| 8 | 333B | 255B | 195B | 220B | 853 | 630A | 301A | 726 | 227 | 585 | 558 | 390B | 8 |
| 9 | 310B | 187B | 402B | 204B | 821 | 548A | 284A | 630 | 209 | 578 | 578 | 400B | 9 |
| 10 | 320B | 275B | 300B | 260B | 828 | 805A | 279A | 836 | 281 | 616 | 600 | 400B | 10 |
| 11 | 310B | 230B | 240B | 300B | 477 | 630A | 286A | 487 | 273 | 562 | 486 | 370B | 11 |
| 12 | 290B | 270B | 290B | 540B | 476 | 611A | 260E | 505 | 260 | 550 | 458 | 370B | 12 |
| 13 | 268B | 260B | 335B | 700B | 497 | 582A | 320E | 498 | 225 | 527 | 478 | 380B | 13 |
| 14 | 276B | 240B | 320B | 840B | 515 | 530A | 380A | 466 | 217 | 488 | 478A | 385B | 14 |
| 15 | 272B | 260B | 340B | 1 050B | 440 | 507A | 375A | 437 | 257 | 445 | 422A | 405B | 15 |
| 16 | 277B | 195B | 330B | 1 300B | 448 | 542A | 407A | 498 | 242 | 461 | 337A | 425B | 16 |
| 17 | 290B | 220B | 345B | 1 500B | 410 | 573A | 480A | 745 | 229 | 488 | 385A | 400B | 17 |
| 18 | 272B | 260B | 335B | 1 800B | 355 | 530A | 478A | 584 | 233 | 511 | 438A | 420B | 18 |
| 19 | 274B | 255B | 350B | 2 220 | 380 | 530A | 480A | 849 | 220E | 566 | 495A | 445B | 19 |
| 20 | 284B | 248B | 335B | 2 370 | 384 | 542A | 472A | 750 | 210E | 776 | 598A | 420B | 20 |
| 21 | 258B | 260B | 370B | 2 380 | 341 | 548A | 484A | 672 | 200E | 786 | 780B | 415B | 21 |
| 22 | 253B | 280B | 400B | 2 280 | 353 | 530A | 579A | 604 | 190E | 783 | 765B | 390B | 22 |
| 23 | 250B | 270B | 408B | 2 200 | 364 | 484A | 670A | 502 | 182E | 723 | 750B | 380B | 23 |
| 24 | 260B | 264B | 407B | 2 020 | 388 | 542A | 767A | 458 | 190E | 721 | 720B | 410B | 24 |
| 25 | 250B | 250B | 405B | 1 840 | 434 | 449A | 908A | 443 | 180E | 667 | 700B | 390B | 25 |
| 26 | 270B | 265B | 400B | 1 600 | 737 | 427A | 1 280 | 430 | 188E | 516 | 670B | 270B | 26 |
| 27 | 310B | 270B | 345B | 1 440 | 865 | 370A | 1 350 | 384 | 167E | 535 | 650B | 310B | 27 |
| 28 | 318B | 260B | 335B | 1 310 | 874 | 360A | 1 150 | 375 | 157E | 511 | 600B | 330B | 28 |
| 29 | 320B | | 350B | 1 130 | 801 | 388A | 1 000 | 380 | 150E | 508 | 580B | 350B | 29 |
| 30 | 245B | | 195B | 1 080 | 745A | 407A | 911 | 384 | 271A | 480 | 540B | 350B | 30 |
| 31 | 263B | | 270B | | 945E | | 800 | 311 | | 499 | | 367B | 31 |
| TOTAL | 8 901 | 6 971 | 9 782 | 32 210 | 19 186 | 17 307 | 16 846 | 17 125 | 7 382 | 17 593 | 16 387 | 12 382 | TOTAL |
| MEAN | 287 | 249 | 316 | 1 070 | 618 | 577 | 543 | 552 | 245 | 568 | 546 | 398 | MEAN |
| MAX | 333 | 283 | 408 | 2 380 | 1 080 | 880 | 1 350 | 884 | 361 | 786 | 765 | 525 | MAX |
| MIN | 245 | 187 | 195 | 206 | 341 | 360 | 224 | 311 | 150 | 388 | 337 | 210 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 499
MAXIMUM DAILY, 2 380 ON APR 21
MINIMUM DAILY, 150E ON SEP 29
MAXIMUM INSTANTANEOUS
2 460 AT 06 15 EST ON APR 21

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 35 N
LONG 81 27 30 W
DRAINAGE AREA, 80 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 789 000 | JUL | 1 460 000 |
| FEB | 602 000 | AUG | 1 460 000 |
| MAR | 845 000 | SEP | 636 000 |
| APR | 2 780 000 | OCT | 1 520 000 |
| MAY | 1 660 000 | NOV | 1 420 000 |
| JUN | 1 500 000 | DEC | 1 070 000 |

TOTAL DISCHARGE, 15 700 000 dam³

## MUSKOKA RIVER AT HIGHWAY NO 69 - STATION NO 02EB012

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 72.2 | 45.2 | 65.7 | 94.6 | 25.3 | 9.77 | 19.8 | 5.05 | 0.788E | 20.6 | 17.9 | 39.1 | 1 |
| 2 | 69.3 | 43.7 | 62.7 | 94.8 | 24.2 | 9.40 | 19.1 | 7.50 | 0.741E | 24.7 | 18.5 | 41.0 | 2 |
| 3 | 66.0 | 43.5 | 69.3 | 94.7 | 20.0 | 13.2 | 23.6 | 5.69 | 0.934E | 36.0 | 19.5 | 38.0 | 3 |
| 4 | 94.5 | 45.8 | 85.8 | 94.6 | 18.1 | 8.72 | 19.3 | 5.55 | 8.53 | 35.0 | 19.6 | 62.7 | 4 |
| 5 | 86.3 | 47.9 | 71.8 | 95.6 | 20.7 | 11.7 | 20.3 | 4.87 | 5.89 | 36.7 | 19.7 | 59.0 | 5 |
| 6 | 51.4 | 51.4 | 80.2 | 96.6 | 12.5 | 8.01 | 19.7 | 2.03 E | 4.55 | 38.4 | 22.0 | 61.0 | 6 |
| 7 | 50.7 | 76.8 | 80.2 | 98.9 | 11.2 | 12.5 | 21.2 | 5.65 | 4.16 | 36.5 | 35.8 | 56.2 | 7 |
| 8 | 49.1 | 46.2 | 80.5 | 95.5 | 9.37 | 10.6 | 20.9 | 5.56 | 3.76 | 34.1 | 35.3 | 60.7 | 8 |
| 9 | 49.0 | 86.7 | 81.3 | 103 | 3.99 | 26.6 | 19.2 | 5.29 | 0.908E | 36.1 | 35.4 | 62.7 | 9 |
| 10 | 48.8 | 89.4 | 86.0 | 109 | 1.66 | 19.6 | 18.5 | 3.98 | 0.795E | 36.1 | 37.5 | 66.6 | 10 |
| 11 | 49.1 | 74.0 | 93.0 | 102 | 1.38 E | 27.4 | 20.2 | 4.10 | 3.64 E | 36.3 | 36.1 | 83.6 | 11 |
| 12 | 49.2 | 79.5 | 93.8 | 98.2 | 3.50 E | 24.5 | 18.0 | 2.84 | 8.18 | 37.7 | 35.6 | 80.7 | 12 |
| 13 | 49.0 | 80.4 | 93.0 | 101 | 1.41 E | 24.2 | 13.1 | 3.41 | 5.55 | 31.5 | 36.1 | 83.7 | 13 |
| 14 | 48.9 | 82.1 | 93.5 | 104 | 1.14 E | 26.6 | 13.4 | 2.88 | 3.00 | 33.0 | 35.6 | 89.9 | 14 |
| 15 | 48.9 | 86.0 | 92.7 | 101 | 5.06 | 19.9 | 16.7 | 4.74 | 0.782E | 36.7 | 35.0 | 91.5 | 15 |
| 16 | 48.8 | 85.7 | 88.3 | 98.1 | 7.88 | 23.6 | 19.1 | 4.84 | 0.686E | 35.7 | 34.4 | 91.8 | 16 |
| 17 | 48.7 | 83.7 | 84.0 | 84.3 | 8.57 | 25.6 | 14.6 | 3.92 | 0.786E | 34.7 | 34.4 | 92.2 | 17 |
| 18 | 48.4 | 79.8 | 78.1 | 78.8 | 7.84 | 25.0 | 14.3 | 4.11 | 4.61 E | 34.9 | 34.5 | 93.0 | 18 |
| 19 | 48.9 | 78.2 | 74.4 | 80.3 | 9.56 | 30.0 | 19.4 | 4.94 | 10.7 | 34.8 | 34.5 | 93.5 | 19 |
| 20 | 48.2 | 76.0 | 67.4 | 79.8 | 5.80 | 26.4 | 16.6 | 4.33 | 9.42 E | 27.3 | 32.8 | 94.1 | 20 |
| 21 | 49.2 | 74.3 | 64.3 | 78.4 | 0.779A | 23.2 | 17.3 | 3.62 | 1.01 E | 12.6 | 31.8 | 94.0 | 21 |
| 22 | 47.1 | 72.5 | 67.4 | 84.2 | 0.729E | 24.4 | 15.9 | 4.45 | 0.880E | 7.34 | 30.9 | 93.5 | 22 |
| 23 | 46.8 | 74.0 | 67.7 | 55.6 | 0.879E | 20.2 | 14.6 | 3.22 | 1.96 E | 13.5 | 36.6 | 93.0 | 23 |
| 24 | 47.4 | 74.9 | 71.9 | 40.8 | 0.628E | 20.9 | 15.3 | 0.877E | 4.16 | 13.2 | 38.1 | 93.5 | 24 |
| 25 | 48.9 | 71.8 | 81.5 | 42.2 | 0.979E | 18.3 | 12.3 | 2.11 E | 8.92 | 13.3 | 34.8 | 93.8 | 25 |
| 26 | 47.5 | 70.5 | 101 | 43.4 | 0.529E | 17.9 | 14.4 | 1.45 | 7.10 | 15.3 | 34.5 | 93.8 | 26 |
| 27 | 48.7 | 69.9 | 105 | 41.9 | 0.479E | 17.2 | 14.9 | 0.885E | 4.76 | 16.6 | 34.5 | 93.4 | 27 |
| 28 | 47.6 | 64.6 | 98.7 | 36.8 | 0.429E | 19.7 | 15.2 | 0.798E | 0.934E | 17.8 | 34.3 | 94.0 | 28 |
| 29 | 45.5 | | 86.0 | 30.1 | 11.1 E | 21.5 | 11.3 | 5.11 E | 12.8 E | 19.1 | 35.5 | 93.5 | 29 |
| 30 | 45.3 | | 96.6 | 25.1 | 8.48 | 17.3 | 10.3 | 8.09 | 16.0 | 18.4 | 35.2 | 92.5 | 30 |
| 31 | 45.4 | | 95.2 | | 7.85 | | 8.60 | 1.48 | | 19.4 | | 92.9 | 31 |
| TOTAL | 1 584.8 | 1 936.7 | 2 577.0 | 2 360.8 | 230.352 | 584.30 | 518.50 | 125.240 | 136.630 | 845.54 | 956.6 | 2 469.8 | TOTAL |
| MEAN | 51.1 | 69.2 | 83.1 | 78.7 | 7.43 | 19.5 | 16.7 | 4.04 | 4.55 | 27.3 | 31.9 | 79.3 | MEAN |
| MAX | 72.2 | 86.0 | 105 | 109 | 25.3 | 30.0 | 23.6 | 8.09 | 16.0 | 36.7 | 38.1 | 94.1 | MAX |
| MIN | 45.3 | 43.5 | 64.3 | 25.1 | 0.429 | 8.01 | 8.60 | 0.877 | 0.686 | 7.34 | 17.9 | 38.0 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.2
MAXIMUM DAILY, 109 ON APR 10
MINIMUM DAILY, 0.429E ON MAY 26
MAXIMUM INSTANTANEOUS,
110 AT 22 33 EST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 30 N
LONG 79 46 30 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 137 000 | JUL | 44 800 |
| FEB | 167 000 | AUG | 10 800 |
| MAR | 223 000 | SEP | 11 800 |
| APR | 204 000 | OCT | 73 100 |
| MAY | 19 900 | NOV | 82 700 |
| JUN | 50 500 | DEC | 213 000 |

TOTAL DISCHARGE, 1 240 000 dam³

## MUSKOKA RIVER BELOW BALA - STATION NO 02EB006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 74.2 | 46.9 | 67.2 | 172 | 43.5 | 24.5 | 20.0 | 5.89 | 1.78 | 21.4 | 19.2 | 43.0 | 1 |
| 2 | 67.3 | 45.3 | 84.5 | 179 | 40.8 | 24.0 | 19.3 | 8.18 | 1.73 | 28.5 | 19.8 | 44.4 | 2 |
| 3 | 68.0 | 45.1 | 71.1 | 184 | 37.1 | 28.1 | 24.0 | 7.82 | 1.83 | 36.8 | 20.8 | 42.2 | 3 |
| 4 | 56.4 | 47.4 | 67.6 | 187 | 35.7 | 23.2 | 19.6 | 7.40 | 9.51 | 38.8 | 21.3 | 55.8 | 4 |
| 5 | 70.2 | 49.5 | 73.6 | 192 | 37.0 | 26.1 | 20.6 | 5.62 | 6.63 | 37.5 | 21.7 | 62.0 | 5 |
| 6 | 63.3 | 53.0 | 81.9 | 198 | 28.4 | 22.4 | 20.0 | 2.78 | 5.49 | 39.2 | 24.3 | 63.9 | 6 |
| 7 | 52.6 | 78.4 | 82.0 | 186 | 28.7 | 26.6 | 21.5 | 6.41 | 5.07 | 37.4 | 38.5 | 58.9 | 7 |
| 8 | 50.9 | 87.8 | 82.6 | 137 | 26.7 | 23.0 | 21.1 | 8.35 | 4.60 | 34.9 | 38.3 | 63.4 | 8 |
| 9 | 50.6 | 70.3 | 83.9 | 142 | 21.8 | 30.0 | 19.4 | 6.11 | 1.78 | 36.9 | 38.9 | 85.8 | 9 |
| 10 | 50.6 | 71.0 | 88.5 | 143 | 19.9 | 22.0 | 18.7 | 4.81 | 1.80 | 38.9 | 41.4 | 71.6 | 10 |
| 11 | 50.9 | 75.6 | 95.4 | 134 | 19.4 | 29.8 | 20.5 | 4.92 | 4.67 | 39.1 | 39.1 | 87.6 | 11 |
| 12 | 50.9 | 81.4 | 96.1 | 131 | 20.9 | 28.6 | 16.3 | 3.48 | 8.99 | 38.5 | 38.0 | 84.5 | 12 |
| 13 | 50.7 | 81.8 | 95.2 | 133 | 19.1 | 26.3 | 13.4 | 4.27 | 6.30 | 32.3 | 38.3 | 87.7 | 13 |
| 14 | 50.8 | 83.6 | 95.6 | 132 | 18.0 | 30.6 | 13.8 | 3.77 | 3.73 | 33.8 | 37.8 | 94.4 | 14 |
| 15 | 50.6 | 87.5 | 94.8 | 119 | 21.7 | 22.0 | 17.1 | 5.85 | 1.50 | 37.5 | 37.2 | 102 | 15 |
| 16 | 50.4 | 87.2 | 90.3 | 114 | 24.2 | 25.7 | 19.5 | 5.84 | 1.39 | 36.5 | 38.6 | 126 | 16 |
| 17 | 50.3 | 86.2 | 85.9 | 99.1 | 25.2 | 27.7 | 15.1 | 4.83 | 1.52 | 36.5 | 38.2 | 146 | 17 |
| 18 | 47.0 | 81.1 | 80.0 | 84.1 | 24.1 | 27.1 | 14.8 | 5.02 | 5.33 | 35.7 | 38.2 | 149 | 18 |
| 19 | 47.6 | 79.8 | 76.4 | 85.4 | 25.7 | 32.1 | 19.9 | 5.89 | 11.4 | 35.6 | 38.1 | 149 | 19 |
| 20 | 49.9 | 77.4 | 89.5 | 94.5 | 22.4 | 28.6 | 17.2 | 5.26 | 10.1 | 28.1 | 34.4 | 150 | 20 |
| 21 | 50.9 | 75.7 | 86.6 | 83.4 | 17.8 | 25.4 | 17.8 | 4.59 | 1.72 | 13.6 | 33.4 | 149 | 21 |
| 22 | 48.8 | 73.9 | 70.2 | 80.6 | 17.7 | 26.7 | 16.4 | 5.42 | 1.38 | 8.11 | 32.1 | 150 | 22 |
| 23 | 48.6 | 75.4 | 71.4 | 72.6 | 18.0 | 22.4 | 15.1 | 4.15 | 2.85 | 14.3 | 37.6 | 160 | 23 |
| 24 | 48.1 | 76.3 | 76.8 | 59.2 | 17.3 | 22.6 | 16.8 | 1.62 | 4.88 | 14.1 | 39.2 | 159 | 24 |
| 25 | 48.6 | 73.2 | 87.7 | 60.4 | 17.5 | 17.1 | 12.9 | 3.04 | 9.88 | 14.2 | 35.9 | 156 | 25 |
| 26 | 49.2 | 71.8 | 118 | 61.7 | 17.4 | 18.3 | 15.0 | 2.38 | 7.83 | 16.1 | 35.7 | 163 | 26 |
| 27 | 50.4 | 71.2 | 143 | 60.4 | 17.7 | 17.4 | 15.5 | 1.79 | 5.51 | 17.8 | 35.6 | 149 | 27 |
| 28 | 49.2 | 65.9 | 147 | 55.4 | 18.1 | 19.9 | 15.8 | 1.70 | 1.73 | 19.0 | 36.4 | 146 | 28 |
| 29 | 47.1 | | 145 | 48.8 | 27.7 | 22.1 | 11.9 | 6.04 | 13.6 | 20.6 | 36.6 | 141 | 29 |
| 30 | 46.9 | | 160 | 44.1 | 22.9 | 17.5 | 10.9 | 9.04 | 16.6 | 17.9 | 37.9 | 138 | 30 |
| 31 | 47.1 | | 170 | | 24.3 | | 9.44 | 2.61 | | 20.8 | | 124 | 31 |
| TOTAL | 1 639.1 | 1 978.6 | 2 927.6 | 3 503.7 | 756.7 | 735.6 | 529.34 | 152.37 | 180.80 | 873.21 | 1 013.5 | 3 372.2 | TOTAL |
| MEAN | 52.9 | 70.7 | 94.4 | 117 | 24.4 | 24.5 | 17.1 | 4.92 | 6.36 | 28.2 | 33.8 | 109 | MEAN |
| MAX | 74.2 | 87.5 | 170 | 198 | 43.5 | 32.1 | 24.0 | 9.04 | 16.6 | 39.2 | 41.4 | 160 | MAX |
| MIN | 46.9 | 45.1 | 65.6 | 44.1 | 17.3 | 17.1 | 9.44 | 1.62 | 1.38 | 8.11 | 19.2 | 42.2 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.3
MAXIMUM DAILY, 198 ON APR 6
MINIMUM DAILY, 1.38 ON SEP 22

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 4 770 km²

REGULATED

REMARKS - DAILY DISCHARGE OBTAINED BY SUMMATION OF FLOWS AT 02EB011 AND 02EB012

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 142 000 | JUL | 45 700 |
| FEB | 171 000 | AUG | 13 300 |
| MAR | 253 000 | SEP | 13 800 |
| APR | 303 000 | OCT | 75 400 |
| MAY | 85 400 | NOV | 87 600 |
| JUN | 83 800 | DEC | 291 000 |

TOTAL DISCHARGE, 1 520 000 dam³

## MUSWABIK RIVER AT OUTLET OF MUSWABIK LAKE - STATION NO 04GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.57B | 0.990B | 0.770B | 0.955B | 22.9 | 11.5 | 10.4 | 10.1 | 33.4A | 10.8 A | 13.9 | 4.80B | 1 |
| 2 | 1.55B | 0.970B | 0.770B | 0.980B | 20.1 | 11.7 | 11.0 | 10.9 | 28.2A | 15.5 A | 13.5 | 4.65B | 2 |
| 3 | 1.53B | 0.960B | 0.765B | 0.955B | 18.1 | 15.0 | 12.8 | 12.4 | 25.4A | 9.60A | 13.5 | 4.55B | 3 |
| 4 | 1.50B | 0.950B | 0.765B | 0.940B | 17.2 | 13.4 | 14.9 | 14.5 | 25.4A | 9.60A | 15.4 | 4.45B | 4 |
| 5 | 1.48B | 0.940B | 0.760B | 0.940B | 16.6 | 13.1 | 16.8 | 13.1 | 24.9E | 10.2 A | 13.7 | 4.35B | 5 |
| 6 | 1.46B | 0.930B | 0.760B | 0.970B | 20.0 | 12.3 | 19.1 | 18.1 | 24.4A | 15.6 A | 15.9 B | 4.26B | 6 |
| 7 | 1.44B | 0.910B | 0.760B | 1.10 B | 16.8 | 12.7 | 18.8 | 15.3 | 24.4A | 13.4 A | 12.4 B | 4.15B | 7 |
| 8 | 1.41B | 0.900B | 0.755B | 1.50 B | 12.6 | 12.5 | 21.3 | 13.1 | 22.6A | 14.8 A | 11.7 B | 4.10B | 8 |
| 9 | 1.38B | 0.895B | 0.755B | 2.00 B | 17.4 | 11.1 | 19.1 | 13.8 | 22.6A | 17.7 | 10.8 B | 4.00B | 9 |
| 10 | 1.35B | 0.880B | 0.753B | 2.50 B | 12.4 | 10.7 | 18.1 | 13.0 | 20.9A | 18.9 | 10.1 B | 3.90B | 10 |
| 11 | 1.33B | 0.875B | 0.750B | 3.05 B | 13.8 | 9.84 | 18.0 | 9.95 | 20.1A | 19.5 | 9.70B | 3.80B | 11 |
| 12 | 1.31B | 0.865B | 0.746B | 3.80 B | 10.8 | 10.3 | 17.0 | 11.4 | 20.9A | 20.2 | 9.30B | 3.70B | 12 |
| 13 | 1.29B | 0.860B | 0.743B | 4.10 B | 7.75 | 9.10 | 18.8 | 12.9 A | 20.1A | 19.5 | 8.70B | 3.60B | 13 |
| 14 | 1.28B | 0.850B | 0.740B | 4.80 B | 14.9 | 11.5 | 18.3 | 13.7 E | 20.9A | 23.4 | 8.30B | 3.50B | 14 |
| 15 | 1.27B | 0.845B | 0.740B | 5.10 B | 10.8 | 8.42 | 19.0 | 14.9 E | 21.8A | 21.3 | 8.00B | 3.40B | 15 |
| 16 | 1.25B | 0.840B | 0.740B | 5.20 B | 13.0 | 8.82 | 18.6 | 16.0 E | 20.9A | 20.6 | 7.80B | 3.30B | 16 |
| 17 | 1.22B | 0.838B | 0.740B | 7.30 B | 11.1 | 8.88 | 22.4 | 17.1 A | 21.8A | 20.6 | 8.30B | 3.25B | 17 |
| 18 | 1.20B | 0.830B | 0.740B | 8.60 B | 10.3 | 8.72 | 21.4 | 16.3 A | 20.9A | 18.5 | 8.90B | 3.15B | 18 |
| 19 | 1.18B | 0.820B | 0.740B | 10.7 | 9.30 | 7.89 | 18.8 | 20.9 A | 19.3A | 19.0 | 9.00B | 3.05B | 19 |
| 20 | 1.16B | 0.815B | 0.745B | 11.8 | 10.1 | 5.89 | 19.6 | 18.5 A | 19.3A | 19.3 | 8.90B | 2.95B | 20 |
| 21 | 1.14B | 0.810B | 0.760B | 13.6 | 12.2 | 6.22 | 19.8 | 19.3 A | 19.3A | 19.1 | 8.50B | 2.90B | 21 |
| 22 | 1.13B | 0.805B | 0.760B | 13.2 | 9.90 | 5.01 | 18.1 | 31.4 A | 17.1A | 17.9 | 7.70B | 2.80B | 22 |
| 23 | 1.12B | 0.800B | 0.810B | 15.4 | 8.92 | 4.98 | 17.9 | 34.5 A | 20.9A | 17.2 | 7.10B | 2.72B | 23 |
| 24 | 1.10B | 0.795B | 0.840B | 15.0 | 9.26 | 5.35 | 18.5 | 30.3 A | 19.3A | 16.2 | 6.40B | 2.65B | 24 |
| 25 | 1.08B | 0.790B | 0.865B | 14.3 | 9.14 | 5.31 | 17.5 | 34.5 A | 18.3A | 14.8 | 5.90B | 2.60B | 25 |
| 26 | 1.07B | 0.785B | 0.880B | 13.8 | 8.07 | 5.11 | 18.0 | 34.5 A | 16.3A | 14.7 | 5.50B | 2.54B | 26 |
| 27 | 1.06B | 0.780B | 0.900B | 18.1 | 8.85 | 5.38 | 18.1 | 35.0 E | 15.3E | 17.2 | 5.30B | 2.48B | 27 |
| 28 | 1.05B | 0.780B | 0.820B | 17.8 | 8.35 | 6.74 | 18.1 | 35.5 A | 13.4A | 14.9 | 5.10B | 2.42B | 28 |
| 29 | 1.04B | | 0.830B | 26.0 | 8.48 | 8.72 | 15.5 | 33.3 E | 13.4A | 14.4 | 5.00B | 2.38B | 29 |
| 30 | 1.02B | | 0.940B | 22.7 | 11.1 | 10.5 | 13.0 | 31.4 A | 14.8A | 14.3 | 4.90B | 2.20B | 30 |
| 31 | 1.00B | | 0.850B | | 11.8 | | 10.7 | 32.4 A | | 14.0 | | 2.15B | 31 |
| TOTAL | 38.97 | 24.105 | 24.813 | 246.770 | 392.73 | 276.67 | 539.8 | 632.55 | 624.3 | 512.70 | 276.80 | 104.73 | TOTAL |
| MEAN | 1.26 | 0.861 | 0.794 | 8.23 | 12.7 | 9.22 | 17.4 | 20.4 | 20.8 | 16.5 | 9.23 | 3.38 | MEAN |
| MAX | 1.57 | 0.990 | 0.950 | 25.0 | 22.9 | 15.0 | 22.4 | 35.5 | 33.4 | 23.4 | 15.4 | 4.80 | MAX |
| MIN | 1.00 | 0.780 | 0.740 | 0.940 | 7.75 | 4.98 | 10.4 | 9.95 | 13.4 | 9.60 | 4.80 | 2.15 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 35.5A ON AUG 28
MINIMUM DAILY, 0.740B ON MAR 14

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 32 N
LONG 85 04 13 W
DRAINAGE AREA, 1 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 370 | JUL | 46 600 |
| FEB | 2 060 | AUG | 54 700 |
| MAR | 2 130 | SEP | 53 900 |
| APR | 21 300 | OCT | 44 300 |
| MAY | 33 900 | NOV | 23 900 |
| JUN | 23 900 | DEC | 9 060 |

TOTAL DISCHARGE, 319 000 dam³

## NAGAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO 04JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.70B | 4.59B | 4.60B | 8.00B | 42.8 | 27.3 | 11.5 | 50.8E | 30.7 | 24.5 | 24.6 | 20.2B | 1 |
| 2 | 5.80B | 4.94B | 4.60B | 7.95B | 40.7 | 26.7 | 10.8 | 52.5E | 28.7 | 25.4 | 24.4 | 19.9B | 2 |
| 3 | 5.50B | 4.96B | 4.60B | 7.95B | 39.1 | 26.3 | 11.3 | 55.0E | 27.1 | 24.6 | 24.3 | 19.5B | 3 |
| 4 | 5.40B | 4.94B | 4.60B | 7.95B | 37.6 | 25.5 | 11.8 | 57.0E | 25.7 | 24.0 | 24.6 | 19.2B | 4 |
| 5 | 5.35B | 4.92B | 4.60B | 8.00B | 36.4 | 25.1 | 11.5 | 58.0E | 24.9 | 23.3 | 24.7 | 18.9B | 5 |
| 6 | 5.25B | 4.90B | 4.60B | 8.25B | 35.0 | 24.2 | 10.8 | 55.5E | 24.4 | 23.1 | 24.1 | 18.6B | 6 |
| 7 | 5.20B | 4.86B | 4.58B | 8.60B | 33.5 | 23.2 | 10.3 | 52.5E | 30.0 | 23.1 | 23.3 | 18.3B | 7 |
| 8 | 5.10B | 4.86B | 4.56B | 8.90B | 32.2 | 23.5 | 9.62 | 52.0E | 28.4 | 22.3 | 22.8 | 18.0B | 8 |
| 9 | 5.00B | 4.84B | 4.55B | 9.50B | 31.1 | 23.6 | 9.06 | 53.0E | 28.3 | 22.0 | 22.2 | 17.8B | 9 |
| 10 | 5.95B | 4.82B | 4.54B | 10.0 B | 29.6 | 22.8 | 17.4 | 53.0E | 27.4 | 22.0 | 21.3 | 17.7B | 10 |
| 11 | 5.90B | 4.80B | 4.53B | 11.0 B | 28.2 | 22.2 | 24.7 | 52.4A | 26.3 | 21.8 | 21.3 | 17.6B | 11 |
| 12 | 5.80B | 4.78B | 4.52B | 12.1 B | 27.1 | 22.8 | 25.6 | 49.0 | 25.7 | 21.7 | 21.3 | 17.6B | 12 |
| 13 | 5.75B | 4.77B | 4.51B | 13.4 B | 26.1 | 22.4 | 25.7 A | 47.2 | 25.9 | 21.2 | 20.7 | 17.4B | 13 |
| 14 | 5.65B | 4.76B | 4.50B | 15.0 B | 25.6 | 21.8 | 24.5 E | 44.4 | 26.0 | 21.4 | 20.5 | 17.5B | 14 |
| 15 | 5.60B | 4.75B | 4.49B | 16.0 B | 23.9 | 20.6 | 22.5 E | 46.1 | 25.5 | 22.0 | 20.2 | 17.6B | 15 |
| 16 | 5.55B | 4.74B | 4.48B | 26.0 B | 22.5 | 19.6 | 20.2 E | 57.2 | 24.7 | 22.5 | 20.3 | 17.2B | 16 |
| 17 | 5.50B | 4.73B | 4.49B | 30.0 B | 21.7 | 18.4 | 18.3 E | 56.5 | 23.4 | 24.0 | 21.5 | 16.8B | 17 |
| 18 | 5.45B | 4.72B | 4.52B | 33.0 B | 20.5 | 17.5 | 17.3 E | 54.1 | 22.3 | 28.6 | 24.1 | 16.5B | 18 |
| 19 | 5.42B | 4.71B | 4.58B | 35.5 | 19.6 | 16.8 | 17.0 E | 51.7 | 21.6 | 29.3 | 25.7 | 16.2B | 19 |
| 20 | 5.39B | 4.70B | 4.60B | 36.5 | 18.9 | 15.7 | 20.0 E | 49.8 | 21.6 | 28.4 | 26.5 | 15.9B | 20 |
| 21 | 5.35B | 4.69B | 4.75B | 42.9 | 18.5 | 14.8 | 27.5 E | 48.5 | 21.4 | 28.6 | 25.8 | 15.7B | 21 |
| 22 | 5.30B | 4.68B | 5.00B | 43.4 | 21.1 | 14.1 | 37.5 E | 47.1 | 20.9 | 28.2 | 24.7B | 15.4B | 22 |
| 23 | 5.26B | 4.66B | 5.35B | 43.6 | 22.5 | 13.4 | 50.0 E | 44.8 | 20.6 | 27.6 | 24.0B | 15.1B | 23 |
| 24 | 5.23B | 4.65B | 5.70B | 43.4 | 26.0 | 12.9 | 58.5 E | 42.5 | 19.8 | 26.9 | 23.4B | 14.9B | 24 |
| 25 | 5.20B | 4.64B | 6.10B | 43.2 | 28.3 | 12.6 | 70.5 E | 40.7 | 19.2 | 26.4 | 22.9B | 14.6B | 25 |
| 26 | 5.16B | 4.63B | 6.70B | 42.6 | 28.1 | 13.7 | 72.0 E | 38.8 | 18.6 | 26.4 | 22.3B | 14.4B | 26 |
| 27 | 5.13B | 4.62B | 7.30B | 43.4 | 27.6 | 14.6 | 70.0 E | 37.0 | 17.8 | 26.8 | 21.9B | 14.1B | 27 |
| 28 | 5.10B | 4.61B | 7.70B | 44.9 | 27.1 | 14.1 | 67.5 E | 35.3 | 17.7 | 28.4 | 21.5B | 13.8B | 28 |
| 29 | 5.07B | | 8.00B | 45.1 | 27.1 | 13.3 | 62.5 E | 33.8 | 20.8 | 25.8 | 21.0B | 13.6B | 29 |
| 30 | 5.03B | | 8.10B | 44.2 | 27.3 | 12.3 | 58.5 E | 32.6 | 24.1 | 25.5 | 20.6B | 13.4B | 30 |
| 31 | 5.00B | | 8.05B | | 27.7 | | 53.0 E | 31.8 | | 25.2 | | 13.2B | 31 |
| TOTAL | 175.89 | 133.73 | 163.79 | 754.60 | 873.7 | 582.3 | 961.48 | 1 482.5 | 726.5 | 772.2 | 686.3 | 516.4 | TOTAL |
| MEAN | 5.67 | 4.78 | 5.28 | 25.2 | 28.2 | 19.4 | 31.0 | 47.8 | 24.2 | 24.9 | 22.9 | 16.7 | MEAN |
| MAX | 5.70 | 4.99 | 8.10 | 45.1 | 42.9 | 27.3 | 72.0 | 58.0 | 30.7 | 29.4 | 26.5 | 20.2 | MAX |
| MIN | 5.00 | 4.61 | 4.49 | 7.95 | 18.5 | 12.3 | 9.06 | 31.8 | 17.7 | 21.2 | 20.2 | 13.2 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.4
MAXIMUM DAILY, 72.0E ON JUL 25
MINIMUM DAILY, 4.49B ON MAR 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 44 N
LONG 84 31 46 W
DRAINAGE AREA, 2 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 15 200 | JUL | 83 100 |
| FEB | 11 600 | AUG | 128 000 |
| MAR | 14 200 | SEP | 62 600 |
| APR | 65 200 | OCT | 66 700 |
| MAY | 75 900 | NOV | 59 300 |
| JUN | 50 300 | DEC | 44 600 |

TOTAL DISCHARGE, 675 000 dam³

## NAMAKAN LAKE ABOVE KETTLE FALLS DAM - STATION NO. 05PA003

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 339.642 | 339.232 | 338.611 | 338.574E | 338.632 | 339.387 | 340.369 | 340.793 | 340.783 | 340.639 | 340.242 | 339.777 | 1 |
| 2 | 339.629 | 339.221 | 338.794 | 338.571E | 338.638 | 339.455 | 340.396 | 340.800 | 340.784 | 340.612 | 340.227 | 339.785 | 2 |
| 3 | 339.625 | 339.213 | 338.778 | 338.568E | 338.644 | 339.486 | 340.413 | 340.802 | 340.786 | 340.610 | 340.211 | 339.754 | 3 |
| 4 | 339.620 | 339.202 | 338.762 | 338.565E | 338.654 | 339.516 | 340.436 | 340.785 | 340.785 | 340.601 | 340.198 | 339.742 | 4 |
| 5 | 339.609 | 339.190 | 338.746E | 338.562E | 338.665 | 339.550 | 340.454 | 340.790 | 340.781 | 340.587 | 340.177 | 339.726 | 5 |
| 6 | 339.591 | 339.178 | 338.732E | 338.560E | 338.673 | 339.592 | 340.471 | 340.799 | 340.785 | 340.572 | 340.153 | 339.716 | 6 |
| 7 | 339.575 | 339.165 | 338.722E | 338.558E | 338.680 | 339.637 | 340.498 | 340.802 | 340.781 | 340.561 | 340.135 | 339.708 | 7 |
| 8 | 339.562 | 339.151 | 338.712E | 338.556E | 338.696 | 339.685 | 340.527 | 340.812 | 340.775 | 340.543 | 340.114 | 339.697 | 8 |
| 9 | 339.549 | 339.140 | 338.703E | 338.553 | 338.703 | 339.704 | 340.538 | 340.824 | 340.768 | 340.531 | 340.095 | 339.685 | 9 |
| 10 | 339.540 | 339.127 | 338.693E | 338.552 | 338.703 | 339.742 | 340.557 | 340.830 | 340.764 | 340.525A | 340.080 | 339.671 | 10 |
| 11 | 339.525 | 339.117 | 338.685E | 338.552 | 338.713 | 339.786 | 340.573 | 340.882 | 340.752 | 340.521 | 340.064 | 339.663 | 11 |
| 12 | 339.510 | 339.116 | 338.678E | 338.548 | 338.720 | 339.827 | 340.587 | 340.915 | 340.744 | 340.514 | 340.049 | 339.652 | 12 |
| 13 | 339.487 | 339.101 | 338.670E | 338.549 | 338.731 | 339.861 | 340.589 | 340.918 | 340.732 | 340.512 | 340.035 | 339.643 | 13 |
| 14 | 339.474 | 339.080 | 338.662E | 338.543 | 338.738 | 339.901 | 340.596 | 340.926 | 340.726 | 340.508A | 340.015 | 339.632 | 14 |
| 15 | 339.461 | 339.066 | 338.654E | 338.558 | 338.743 | 339.931 | 340.611 | 340.936 | 340.722 | 340.490 | 340.002 | 339.621 | 15 |
| 16 | 339.447 | 339.065 | 338.647E | 338.563 | 338.765 | 339.967 | 340.625 | 340.962 | 340.714 | 340.486 | 340.000 | 339.619 | 16 |
| 17 | 339.430 | 339.044 | 338.641E | 338.571 | 338.788 | 340.004 | 340.633 | 340.954 | 340.707 | 340.480 | 339.985 | 339.613 | 17 |
| 18 | 339.417 | 339.030 | 338.635E | 338.574 | 338.804 | 340.038 | 340.638 | 340.928 | 340.705 | 340.479 | 339.977 | 339.610 | 18 |
| 19 | 339.394 | 339.020 | 338.630E | 338.578 | 338.825 | 340.064 | 340.671 | 340.914 | 340.709 | 340.466 | 339.963 | 339.606 | 19 |
| 20 | 339.386 | 339.010 | 338.625E | 338.594 | 338.841 | 340.095 | 340.681 | 340.889 | 340.711 | 340.455 | 339.940 | 339.602 | 20 |
| 21 | 339.369 | 338.994 | 338.620E | 338.591 | 338.883 | 340.126 | 340.690 | 340.869 | 340.709 | 340.437 | 339.923 | 339.598 | 21 |
| 22 | 339.360 | 338.975 | 338.615E | 338.585 | 338.932 | 340.159 | 340.702 | 340.869 | 340.709 | 340.417 | 339.911 | 339.593 | 22 |
| 23 | 339.342 | 338.948 | 338.610E | 338.598 | 338.973 | 340.191 | 340.757 | 340.851 | 340.698 | 340.402 | 339.896 | 339.588 | 23 |
| 24 | 339.329 | 338.922 | 338.605E | 338.598 | 339.018 | 340.211 | 340.755 | 340.84_ | 340.686 | 340.387 | 339.879 | 339.582 | 24 |
| 25 | 339.313 | 338.899 | 338.601E | 338.594 | 339.060 | 340.236 | 340.763 | 340.828 | 340.679 | 340.368 | 339.865 | 339.577 | 25 |
| 26 | 339.300 | 338.874 | 338.597E | 338.594E | 339.111 | 340.262 | 340.768 | 340.824 | 340.675 | 340.354 | 339.852 | 339.571 | 26 |
| 27 | 339.292 | 338.852 | 338.593E | 338.603E | 339.161 | 340.285 | 340.774 | 340.815 | 340.675 | 340.337 | 339.838 | 339.565 | 27 |
| 28 | 339.277 | 338.830 | 338.589E | 338.613E | 339.207 | 340.308 | 340.781 | 340.808 | 340.672 | 340.316 | 339.820 | 339.559 | 28 |
| 29 | 339.263 | | 338.585E | 338.616 | 339.256 | 340.326 | 340.783 | 340.808 | 340.663 | 340.299 | 339.806 | 339.553 | 29 |
| 30 | 339.258 | | 338.581E | 338.625 | 339.301 | 340.348 | 340.792 | 340.809 | 340.647 | 340.278 | 339.789 | 339.548 | 30 |
| 31 | 339.241 | | 338.577E | | 339.336 | | 340.773 | 340.791 | | 340.262 | | 339.540 | 31 |
| MEAN | 339.446 | 339.083 | 338.663 | 338.578 | 338.858 | 339.922 | 340.619 | 340.851 | 340.727 | 340.469 | 340.008 | 339.638 | MEAN |
| MAX | 339.642 | 339.232 | 338.811 | 338.625 | 339.336 | 340.348 | 340.792 | 340.962 | 340.786 | 340.638 | 340.242 | 339.777 | MAX |
| MIN | 339.241 | 338.830 | 338.577 | 338.543 | 338.632 | 339.387 | 340.369 | 340.785 | 340.647 | 340.262 | 339.789 | 339.548 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 339.741
MAXIMUM DAILY, 340.962 ON AUG 16
MINIMUM DAILY, 338.543 ON APR 14
MAXIMUM INSTANTANEOUS,
340.978 AT 09:25 CST ON AUG 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 00 N
LONG 92 38 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1914

WATER LEVELS ARE REFERRED TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

## NAMAKAN RIVER AT OUTLET OF LAC LA CROIX - STATION NO. 05PA006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 52.8 | 52.3 | 45.2 | 44.2 | 52.0 | 64.3 | 83.9 | 73.5 | 280 | 146 | 82.4 | 57.4 | 1 |
| 2 | 52.6 | 52.2 | 45.3 | 44.6 | 51.8 | 65.4 | 82.8 | 81.4 | 254 | 143 | 81.2 | 57.0 | 2 |
| 3 | 52.5 | 52.3 | 45.1 | 44.9 | 51.4 | 66.6 | 82.0 | 90.5 | 248 | 140 | 78.9 | 57.0 | 3 |
| 4 | 52.1 | 52.0 | 45.0 | 45.1 | 50.5 | 70.4 | 80.7 | 102 | 242 | 136 | 76.9 | 57.0 | 4 |
| 5 | 52.0 | 51.9 | 44.8 | 45.4 | 50.1 | 74.1 | 78.9 | 115 | 238 | 132 | 75.9 | 56.2 | 5 |
| 6 | 51.5 | 51.6 | 44.6 | 45.8 | 48.9 | 78.1 | 78.8 | 126 | 236 | 130 | 75.6 | 55.9 | 6 |
| 7 | 50.9 | 51.2 | 44.4 | 46.1 | 48.7 | 81.3 | 75.3 | 142 | 232 | 128 | 74.9 | 55.1 | 7 |
| 8 | 50.4 | 50.6 | 44.0 | 46.6 | 48.0 | 84.8 | 73.9 | 158 | 229 | 126 | 73.4 | 54.9 | 8 |
| 9 | 59.9 | 50.4 | 44.0 | 47.0 | 47.8 | 87.9 | 72.6 | 173 | 223 | 121 | 72.3 | 54.3 | 9 |
| 10 | 59.3 | 50.1 | 43.9 | 47.3 | 48.2 | 92.3 | 70.5 | 187 | 219 | 119 | 71.8 | 53.9 | 10 |
| 11 | 59.0 | 49.8 | 43.5 | 47.9 | 48.3 | 95.9 | 70.5 | 199 | 217 | 118 | 70.4 | 53.7 | 11 |
| 12 | 58.6 | 49.5 | 43.3 | 48.5 | 48.3 | 98.1 | 68.5 | 212 | 213 | 115 | 69.7 | 53.3 | 12 |
| 13 | 58.2A | 49.2 | 43.3 | 49.0 | 48.4 | 101 | 68.7 | 224 | 208 | 112 | 68.6 | 52.9 | 13 |
| 14 | 57.9 | 49.0 | 42.8 | 48.7 | 44.5 | 101 | 68.7 | 234 | 205 | 110 | 68.5 | 52.7 | 14 |
| 15 | 57.5 | 48.7 | 42.4 | 50.2 | 44.7 | 103 | 68.4 | 242 | 201 | 109 | 67.7 | 52.3 | 15 |
| 16 | 56.4 | 48.5 | 42.2 | 50.4 | 45.0 | 103 | 64.1 | 252 | 198 | 106 | 67.2 | 52.0 | 16 |
| 17 | 56.1 | 48.2 | 41.7 | 50.8 | 46.1 | 103 | 62.9 | 258 | 193 | 104 | 66.5 | 51.8 | 17 |
| 18 | 55.7 | 47.9 | 41.3 | 51.8 | 47.1 | 102 | 64.1 | 267 | 190 | 101 | 65.8 | 51.4 | 18 |
| 19 | 55.2 | 47.8 | 41.1 | 52.6 | 46.2 | 102 | 63.1 | 273 | 187 | 99.4 | 63.8 | 51.2 | 19 |
| 20 | 55.0 | 47.3 | 41.0 | 51.6 | 46.2 | 102 | 62.5 | 279 | 185 | 98.2 | 63.6 | 50.8 | 20 |
| 21 | 54.7 | 47.1 | 40.9 | 53.6 | 49.3 | 100 | 61.6 | 283 | 182 | 96.4 | 64.1 | 50.6 | 21 |
| 22 | 54.4A | 47.0 | 40.8 | 53.0 | 52.8 | 99.5 | 61.0 | 283 | 179 | 95.1 | 63.3 | 50.1 | 22 |
| 23 | 54.2E | 46.9 | 41.1 | 52.8 | 54.0 | 97.2 | 63.9 | 284 | 176 | 93.7 | 62.1 | 50.0 | 23 |
| 24 | 53.8E | 46.9 | 41.8 | 52.9 | 55.1 | 95.4 | 64.7 | 284 | 172 | 92.5 | 61.7 | 49.8 | 24 |
| 25 | 53.9E | 46.7 | 42.2 | 53.4 | 56.3 | 92.6 | 64.3 | 283 | 168 | 91.0 | 61.0 | 49.4 | 25 |
| 26 | 53.2E | 46.3 | 42.2 | 52.4 | 57.2 | 90.7 | 64.3 | 282 | 165 | 88.6 | 60.3 | 49.1 | 26 |
| 27 | 52.8E | 46.0 | 42.6 | 51.8 | 58.3 | 90.1 | 64.2 | 280 | 162 | 87.6 | 59.9 | 48.8 | 27 |
| 28 | 52.3A | 45.5 | 42.9 | 52.2 | 59.2 | 88.5 | 64.0 | 277 | 159 | 87.0 | 59.5 | 48.4 | 28 |
| 29 | 52.2 | | 43.3 | 51.8 | 60.0 | 86.6 | 63.9 | 273 | 156 | 85.8 | 58.8 | 48.2 | 29 |
| 30 | 52.5 | | 43.5 | 51.9 | 61.2 | 85.1 | 64.7 | 268 | 150 | 84.0 | 58.1 | 48.0 | 30 |
| 31 | 52.4 | | 44.0 | | 62.3 | | 67.0 | 263 | | 83.3 | | 47.6 | 31 |
| TOTAL | 1 788.6 | 1 372.7 | 1 334.2 | 1 484.3 | 1 580.9 | 2 703.0 | 2 134.5 | 6 750.4 | 6 046 | 3 376.6 | 2 044.7 | 1 820.4 | TOTAL |
| MEAN | 57.1 | 49.0 | 43.0 | 49.5 | 51.0 | 90.1 | 68.9 | 218 | 202 | 109 | 68.2 | 52.3 | MEAN |
| MAX | 62.8 | 52.3 | 45.3 | 53.4 | 62.3 | 103 | 83.9 | 284 | 280 | 146 | 82.4 | 57.4 | MAX |
| MIN | 52.2 | 45.5 | 40.8 | 44.2 | 44.5 | 64.3 | 61.0 | 73.5 | 150 | 83.3 | 58.1 | 47.6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.3
MAXIMUM DAILY, 284 ON AUG 23
MINIMUM DAILY, 40.8 ON MAR 22
MAXIMUM INSTANTANEOUS
286 AT 12:32 CST ON AUG 21

### SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 00 N
LONG 92 10 40 W
DRAINAGE AREA 13 400 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 153 000 | JUL | 184 000 |
| FEB | 119 000 | AUG | 583 000 |
| MAR | 115 000 | SEP | 522 000 |
| APR | 128 000 | OCT | 292 000 |
| MAY | 137 000 | NOV | 177 000 |
| JUN | 234 000 | DEC | 140 000 |

TOTAL DISCHARGE, 2 780 000 dam³

## NANTICOKE CREEK AT NANTICOKE - STATION NO 02GC042

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.67 | 0.980B | 10.0 B | 5.57 | 0.633 | 0.489 | 0.476 | 0.120 | 0.346 | 0.260 | 0.544 | 3.18 | 1 |
| 2 | 2.47 | 0.982B | 11.0 B | 8.80 | 0.787 | 0.524 | 0.413 | 0.218 | 0.276 | 0.262 | 0.474 | 2.57 | 2 |
| 3 | 2.358 | 0.983B | 8.06A | 8.85 | 0.775 | 0.522 | 0.393 | 0.297 | 0.237 | 0.233 | 0.478 | 2.15 | 3 |
| 4 | 2.258 | 0.930B | 5.56A | 8.20 A | 0.714 | 0.451 | 0.368 | 0.181 | 0.235 | 0.243 | 0.441 | 2.05 | 4 |
| 5 | 2.108 | 0.910B | 4.46 | 16.9 | 0.700 | 0.432 | 0.384 | 0.191 | 0.226 | 0.285 | 0.430 | 1.78 | 5 |
| 6 | 1.958 | 0.900B | 4.32 | 16.5 | 0.687 | 0.448 | 0.362 | 0.170 | 0.203 | 0.302 | 0.417 | 1.51 | 6 |
| 7 | 1.828 | 0.920B | 5.43 | 14.3 | 0.683 | 0.387 | 0.336 | 0.158 | 0.195 | 0.424 | 0.423 | 1.318 | 7 |
| 8 | 1.718 | 0.990B | 7.28 | 8.82 | 0.683 | 0.392 | 0.323 | 0.159 | 0.235 | 0.384 | 0.400 | 1.31 | 8 |
| 9 | 1.628 | 0.930B | 6.65 | 5.87 | 0.671 | 0.411 | 0.290 | 0.915 | 0.258 | 0.339 | 0.457 | 2.30 | 9 |
| 10 | 1.528 | 0.900B | 3.208 | 4.50 | 0.618 | 0.420 | 0.278 | 0.818 | 0.226 | 0.318 | 0.448 | 2.87 | 10 |
| 11 | 1.468 | 0.880B | 2.758 | 3.53 | 0.598 | 0.384 | 0.245 | 0.613 | 0.224 | 0.416 | 0.470 | 2.05 | 11 |
| 12 | 1.428 | 0.870B | 2.408 | 3.65 | 0.555 | 0.390 | 0.210 | 0.474 | 0.216 | 0.384 | 0.455 | 2.07 | 12 |
| 13 | 1.408 | 0.880B | 2.158 | 4.22 | 0.536 | 0.390 | 0.229 | 0.408 | 0.234 | 0.379 | 0.473 | 1.79 | 13 |
| 14 | 1.908 | 0.850B | 2.10 | 3.42 | 0.570 | 0.353 | 0.346 | 0.339 | 0.245 | 0.385 | 0.458 | 1.43 | 14 |
| 15 | 6.608 | 0.840B | 1.78 | 2.83 | 0.684 | 0.309 | 0.295 | 0.283 | 0.265 | 0.331 | 0.421 | 7.90 | 15 |
| 16 | 5.008 | 0.830B | 1.55 | 2.48 | 0.679 | 0.246 | 0.253 | 0.248 | 0.255 | 0.335 | 0.388 | 8.46 | 16 |
| 17 | 2.708 | 0.825B | 1.45 | 2.23 | 0.670 | 0.203 | 0.277 | 0.212 | 0.303 | 0.356 | 0.388 | 6.08 | 17 |
| 18 | 2.308 | 0.820B | 1.33 | 1.97 | 0.638 | 0.202 | 0.260 | 0.181 | 0.395 | 0.313 | 0.359 | 3.478 | 18 |
| 19 | 2.058 | 0.805B | 1.22 | 1.74 | 0.652 | 0.185 | 0.256 | 0.176 | 0.341 | 0.347 | 0.365 | 2.718 | 19 |
| 20 | 1.858 | 0.800B | 1.16 | 1.63 | 0.651 | 0.156 | 0.209 | 0.159 | 0.358 | 0.387 | 0.448 | 10.1 | 20 |
| 21 | 1.708 | 0.800B | 1.17 | 1.54 | 0.626 | 0.172 | 0.188 | 0.147 | 0.363 | 0.420 | 0.386 | 8.25 | 21 |
| 22 | 1.608 | 0.790B | 1.19 | 1.27 | 0.638 | 0.216 | 0.172 | 0.152 | 0.460 | 0.465 | 0.351 | 5.15 | 22 |
| 23 | 1.508 | 0.785B | 1.25 | 1.17 | 0.608 | 0.327 | 0.122 | 0.106 | 0.436 | 0.579 | 0.356 | 3.88 | 23 |
| 24 | 1.408 | 0.780B | 1.30 | 1.17 | 0.620 | 0.605 | 0.093 | 0.095 | 0.356 | 0.560 | 0.362 | 2.98 | 24 |
| 25 | 1.308 | 0.780B | 1.36 | 1.03 | 0.591 | 0.581 | 0.092 | 0.092 | 0.340 | 0.837 | 2.13 | 3.92 | 25 |
| 26 | 1.248 | 0.780B | 1.67 | 0.915 | 0.584 | 1.32 | 0.087 | 0.083 | 0.298 | 0.639 | 4.86 | 3.54 | 26 |
| 27 | 1.188 | 0.780B | 1.83 | 0.879 | 0.621 | 1.47 | 0.087 | 0.208 | 0.268 | 0.907 | 2.57 | 2.74 | 27 |
| 28 | 1.128 | 0.790B | 1.89 | 0.886 | 0.632 | 0.729 | 0.077 | 0.180 | 0.283 | 0.983 | 2.07 | 2.338 | 28 |
| 29 | 1.078 |  | 1.88 | 0.928 | 0.596 | 0.575 | 0.078 | 0.241 | 0.282 | 0.700 | 5.14 | 1.858 | 29 |
| 30 | 1.028 |  | 2.68 | 0.913 | 0.578 | 0.554 | 0.371 | 0.265 | 0.275 | 0.683 | 4.55 | 1.728 | 30 |
| 31 | 1.008 |  | 5.16 |  | 0.530 |  | 0.323 | 0.337 |  | 0.618 |  | 1.808 | 31 |
| TOTAL | 81.27 | 24.080 | 105.19 | 136.711 | 19.988 | 13.844 | 7.880 | 8.222 | 8.613 | 14.052 | 31.528 | 103.53 | TOTAL |
| MEAN | 1.98 | 0.880 | 3.39 | 4.56 | 0.645 | 0.461 | 0.254 | 0.265 | 0.287 | 0.453 | 1.05 | 3.34 | MEAN |
| MAX | 6.60 | 0.930 | 11.0 | 16.9 | 0.833 | 1.47 | 0.476 | 0.915 | 0.460 | 0.983 | 5.14 | 10.1 | MAX |
| MIN | 1.00 | 0.780 | 1.16 | 0.879 | 0.530 | 0.156 | 0.077 | 0.083 | 0.195 | 0.233 | 0.351 | 1.31 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.47
MAXIMUM DAILY, 16.9 ON APR 5
MINIMUM DAILY, 0.077 ON JUL 28
MAXIMUM INSTANTANEOUS,
18.2 AT 18:47 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 34 N
LONG 80 04 36 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 290 | JUL | 681 |
| FEB | 2 080 | AUG | 710 |
| MAR | 9 090 | SEP | 744 |
| APR | 11 800 | OCT | 1 210 |
| MAY | 1 730 | NOV | 2 720 |
| JUN | 1 200 | DEC | 8 940 |

TOTAL DISCHARGE, 45 200 dam³

## NAPANEE RIVER AT CAMDEN EAST - STATION NO 02HM007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.0 | 7.368 | 6.308 | 37.5 | 9.14 | 3.47 | 3.86 | 1.67 | 1.75 | 1.80 | 1.87 | 22.8A | 1 |
| 2 | 13.3 B | 7.238 | 7.508 | 36.7 | 8.70 | 3.70 | 3.67 | 1.70 | 1.63 | 1.78 | 1.96 | 23.9A | 2 |
| 3 | 13.0 B | 7.088 | 7.308 | 36.3 | 8.21 | 4.03 | 3.59 | 1.73 | 1.54 | 1.77 | 2.18 | 25.9A | 3 |
| 4 | 12.8 B | 6.988 | 7.158 | 36.3 | 7.72 | 4.58 | 3.44 | 1.69 | 1.46 | 1.54 | 2.39 | 27.3A | 4 |
| 5 | 12.4 B | 6.838 | 7.008 | 42.8 | 7.21 | 4.73 | 3.37 | 1.58 | 1.45 | 1.34 | 2.64 | 27.1B | 5 |
| 6 | 11.9 | 6.708 | 6.958 | 42.4 | 6.67 | 4.79 | 3.20 | 1.53 | 1.51 | 1.29 | 2.87 | 25.9E | 6 |
| 7 | 11.8 | 6.578 | 7.348 | 42.3 | 6.28 | 4.86 | 3.10 | 1.49 | 1.50 | 1.53 | 2.91 | 24.6A | 7 |
| 8 | 11.4 B | 6.448 | 11.5 B | 41.2 | 6.05 | 5.33 | 2.95 | 1.42 | 1.92 | 1.92 | 3.45 | 32.1A | 8 |
| 9 | 11.0 | 6.318 | 13.2 B | 40.0 | 5.85 | 5.48 | 2.86 | 1.48 | 2.07 | 1.79 | 4.59 | 21.6A | 9 |
| 10 | 10.8 | 6.188 | 12.1 B | 38.1 | 5.51 | 5.47 | 2.87 | 1.52 | 1.95 | 1.84 | 4.80 | 21.6A | 10 |
| 11 | 10.5 | 6.058 | 11.0 B | 35.5 | 5.41 | 5.89 | 2.80 | 1.41 | 1.80 | 1.48 | 4.59 | 21.2A | 11 |
| 12 | 10.3 | 5.928 | 10.6 | 34.8 | 5.26 | 6.14 | 2.63 | 1.37 | 1.89 | 1.52 | 4.51 | 20.8E | 12 |
| 13 | 10.0 | 5.798 | 10.5 | 33.6 | 5.00 | 5.86 | 2.53 | 1.38 | 2.15 | 1.86 | 4.45 | 20.6E | 13 |
| 14 | 9.76 | 5.668 | 10.7 | 31.8 | 4.71 | 5.53 | 2.66 | 1.31 | 2.10 | 2.13 | 4.55 | 20.2A | 14 |
| 15 | 9.80 | 5.538 | 11.0 | 30.1 | 4.49 | 5.57 | 2.66 | 1.28 | 2.00 | 2.34 | 4.57 | 19.7A | 15 |
| 16 | 9.618 | 5.408 | 11.5 | 28.7 | 4.19 | 5.52 | 2.58 | 1.32 | 2.04 | 2.45 | 4.60 | 19.5A | 16 |
| 17 | 9.268 | 5.278 | 12.2 | 27.1 | 3.90 | 5.41 | 2.42 | 1.27 | 2.06 | 2.45 | 4.59 | 18.6 | 17 |
| 18 | 9.188 | 5.188 | 13.3 | 25.3 | 3.77 | 5.31 | 2.36 | 1.26 | 2.15 | 2.26 | 4.71 | 17.48 | 18 |
| 19 | 9.058 | 5.098 | 14.6 | 23.4 | 3.60 | 5.22 | 2.41 | 1.32 | 2.17 | 2.04 | 5.93 | 16.4 | 19 |
| 20 | 8.928 | 5.008 | 16.0 | 21.8 | 3.38 | 5.84 | 2.39 | 1.32 | 2.44 | 1.87 | 6.87 | 17.0 | 20 |
| 21 | 8.768 | 4.908 | 16.8 | 20.1 | 3.20 | 5.65 | 2.26 | 1.29 | 2.49 | 1.75 | 6.68 | 19.2 | 21 |
| 22 | 8.668 | 4.808 | 19.3 | 18.1 | 3.20 | 5.31 | 2.19 | 1.46 | 2.34 | 1.53 | 6.31 | 18.6 | 22 |
| 23 | 8.538 | 4.708 | 22.3 | 16.3 | 3.07 | 5.15 | 2.12 | 1.34 | 2.32 | 1.86 | 6.19 | 17.9 | 23 |
| 24 | 8.408 | 4.608 | 24.8 | 15.6 | 3.02 | 4.78 | 2.01 | 1.33 | 2.32 | 1.70 | 6.24 | 17.6 | 24 |
| 25 | 8.278 | 4.558 | 27.0 | 13.8 | 2.96 | 4.34 | 2.28 | 1.34 | 2.30 | 1.76 | 6.53A | 18.1 | 25 |
| 26 | 8.148 | 4.538 | 29.4 | 12.5 | 2.86 | 4.29 | 2.34 | 1.32 | 2.24 | 1.77 | 6.63A | 20.3 | 26 |
| 27 | 8.018 | 4.518 | 30.5 | 11.3 | 2.98 | 4.28 | 2.10 | 1.33 | 2.06 | 1.84 | 6.28A | 19.9 | 27 |
| 28 | 7.888 | 4.508 | 30.9 | 10.9 | 3.09 | 4.22 | 2.00 | 1.31 | 1.99 | 1.97 | 6.28E | 19.28 | 28 |
| 29 | 7.758 |  | 30.7 | 10.2 | 3.00 | 4.04 | 1.92 | 1.51 | 1.82 | 2.01 | 10.2 E | 18.08 | 29 |
| 30 | 7.628 |  | 31.0 | 9.84 | 3.05 | 4.02 | 1.84 | 1.43 | 1.86 | 2.00 | 21.2 E | 16.58 | 30 |
| 31 | 7.488 |  | 27.4 |  | 3.21 |  | 1.81 | 1.60 |  | 1.99 |  | 14.98 | 31 |
| TOTAL | 308.31 | 159.65 | 507.84 | 827.14 | 148.46 | 155.41 | 80.69 | 44.31 | 59.54 | 56.78 | 184.97 | 634.8 | TOTAL |
| MEAN | 9.95 | 5.70 | 16.4 | 27.6 | 4.79 | 5.18 | 2.60 | 1.43 | .98 | 1.83 | 5.50 | 20.5 | MEAN |
| MAX | 14.0 | 7.36 | 37.4 | 42.8 | 9.14 | 6.57 | 3.86 | 1.73 | 2.49 | 2.45 | 21.2 | 27.3 | MAX |
| MIN | 7.48 | 4.50 | 6.30 | 9.84 | 2.86 | 3.47 | 1.81 | 1.26 | 1.45 | 1.29 | 1.96 | 14.9 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 8.82
MAXIMUM DAILY 42.8 ON APR 5
MINIMUM DAILY 1.26 ON AUG 18
MAXIMUM INSTANTANEOUS
43.8 AT 02:29 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 03 N
LONG 76 50 15 W
DRAINAGE AREA 694 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 26 600 | JUL | 6 970 |
| FEB | 13 800 | AUG | 3 830 |
| MAR | 43 900 | SEP | 5 140 |
| APR | 71 500 | OCT | 4 910 |
| MAY | 12 800 | NOV | 14 300 |
| JUN | 13 400 | DEC | 54 800 |

TOTAL DISCHARGE, 272 000 dam³

## NEEBING RIVER NEAR THUNDER BAY - STATION NO 02AB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.2188 | 0.1688 | 0.1488 | 0.4488 | 0.570 | 1.26 | 0.094 | 0.724 | 0.285 | 0.401 | 0.922 | 0.5408 | 1 |
| 2 | 0.2138 | 0.1658 | 0.1488 | 0.4988 | 0.534 | 1.91 | 0.161 | 0.486 | 0.247 | 0.367 | 0.804 | 0.4778 | 2 |
| 3 | 0.2098 | 0.1658 | 0.1478 | 0.5508 | 0.539 | 1.61 | 0.192 | 0.338 | 0.198 | 0.380 | 0.861 | 0.3808 | 3 |
| 4 | 0.2088 | 0.1648 | 0.1488 | 0.5258 | 0.831 | 1.33 | 0.172 | 0.246 | 0.185 | 0.408 | 0.874 | 0.3208 | 4 |
| 5 | 0.2038 | 0.1638 | 0.1508 | 0.7158 | 0.801 | 1.42 | 0.155 | 0.208 | 0.840 | 0.451 | 0.836 | 0.2808 | 5 |
| 6 | 0.2018 | 0.1628 | 0.1528 | 0.8558 | 0.732 | 1.21 | 0.181 | 0.188 | 1.37 | 0.478 | 0.780E | 0.2458 | 6 |
| 7 | 0.1998 | 0.1618 | 0.1558 | 1.06 E | 0.677 | 1.21 | 0.104 | 0.148 | 0.996 | 0.431 | 0.740E | 0.2328 | 7 |
| 8 | 0.1978 | 0.1618 | 0.1578 | 1.44 E | 0.665 | 1.13 | 0.098 | 0.154 | 1.27 | 0.528 | 0.695E | 0.2228 | 8 |
| 9 | 0.1958 | 0.1608 | 0.1618 | 2.01 | 0.682 | 0.954 | 0.145 | 0.190 | 1.35 | 0.570 | 0.655E | 0.2118 | 9 |
| 10 | 0.1938 | 0.1598 | 0.1648 | 1.97 | 0.814 | 0.763 | 0.100 | 0.203 | 1.26 | 0.598 | 0.610E | 0.2048 | 10 |
| 11 | 0.1918 | 0.1588 | 0.1698 | 1.93 | 0.815 | 0.716 | 0.110 | 0.247 | 1.25 | 0.609 | 0.570E | 0.1958 | 11 |
| 12 | 0.1898 | 0.1578 | 0.1748 | 1.91 | 0.578 | 0.683 | 0.190 | 1.45 | 1.12 | 0.617 | 0.540E | 0.1878 | 12 |
| 13 | 0.1878 | 0.1568 | 0.1798 | 1.71 | 0.547 | 0.620 | 0.152 | 1.58 | 1.08 | 0.658 | 0.550E | 0.1798 | 13 |
| 14 | 0.1858 | 0.1558 | 0.1828 | 1.58 | 0.575 | 0.562 | 0.142 | 1.22 | 0.816 | 0.643 | 0.580E | 0.1868 | 14 |
| 15 | 0.1848 | 0.1548 | 0.1868 | 1.51 | 0.644 | 0.438 | 0.145 | 1.30 | 0.750 | 0.684 | 0.600E | 0.1498 | 15 |
| 16 | 0.1838 | 0.1538 | 0.1928 | 1.52 | 0.703 | 0.374 | 0.141 | 1.11 | 0.625 | 0.953 | 1.03 E | 0.1328 | 16 |
| 17 | 0.1828 | 0.1528 | 0.1998 | 1.52 | 1.50 | 0.306 | 0.250 | 0.894 | 0.550 | 1.33 | 1.85 E | 0.1208 | 17 |
| 18 | 0.1818 | 0.1528 | 0.2058 | 1.48 | 1.80 | 0.272 | 0.181 | 0.886 | 0.549 | 1.27 | 2.50 E | 0.1098 | 18 |
| 19 | 0.1808 | 0.1518 | 0.2148 | 1.47 | 1.80 | 0.233 | 0.258 | 0.849 | 0.797 | 1.12 | 1.72 | 0.1008 | 19 |
| 20 | 0.1788 | 0.1508 | 0.2228 | 1.52 | 1.77 | 0.193 | 0.218 | 0.898 | 1.15 | 1.05 | 1.38 | 0.0928 | 20 |
| 21 | 0.1778 | 0.1508 | 0.2318 | 1.63 | 1.48 | 0.150 | 0.187 | 0.599 | 1.21 | 1.04 | 0.982 | 0.0888 | 21 |
| 22 | 0.1768 | 0.1498 | 0.2418 | 1.61 | 2.27 | 0.138 | 0.175 | 0.581 | 1.01 | 1.08 | 0.849 | 0.0808 | 22 |
| 23 | 0.1758 | 0.1498 | 0.2528 | 1.52 | 2.75 | 0.120 | 0.251 | 0.469 | 0.883 | 1.04 | 0.781 | 0.0758 | 23 |
| 24 | 0.1758 | 0.1488 | 0.2638 | 1.36 | 2.50 | 0.107 | 0.179 | 0.383 | 0.789 | 1.06 | 0.670 | 0.0718 | 24 |
| 25 | 0.1748 | 0.1478 | 0.2788 | 1.22 | 1.83 | 0.089 | 0.135 | 0.348 | 0.570 | 1.31 | 0.605 | 0.0888 | 25 |
| 26 | 0.1738 | 0.1478 | 0.2948 | 1.14 | 1.83 | 0.084 | 0.125 | 0.298 | 0.529 | 1.18 | 0.5708 | 0.0858 | 26 |
| 27 | 0.1718 | 0.1468 | 0.3128 | 1.30 | 1.55 | 0.087 | 0.128 | 0.286 | 0.488 | 1.21 | 0.5858 | 0.0838 | 27 |
| 28 | 0.1708 | 0.1468 | 0.3308 | 1.44 | 1.48 | 0.078 | 0.121 | 0.278 | 0.536 | 1.18 | 0.5408 | 0.0818 | 28 |
| 29 | 0.1708 | | 0.3548 | 1.31 | 1.38 | 0.089 | 0.220 | 0.252 | 0.474 | 1.06 | 0.5108 | 0.0598 | 29 |
| 30 | 0.1678 | | 0.3808 | 1.08 | 1.37 | 0.072 | 0.158 | 0.261 | 0.384 | 0.988 | 0.5808 | 0.0578 | 30 |
| 31 | 0.1678 | | 0.4088 | | 1.30 | | 0.185 | 0.219 | | 0.922 | | 0.0588 | 31 |
| TOTAL | 5.787 | 4.348 | 6.791 | 35.831 | 37.535 | 18.184 | 5.019 | 17.283 | 23.423 | 25.422 | 25.829 | 5.262 | TOTAL |
| MEAN | 0.188 | 0.155 | 0.219 | 1.33 | 1.21 | 0.606 | 0.162 | 0.558 | 0.781 | 0.820 | 0.854 | 0.170 | MEAN |
| MAX | 0.218 | 0.168 | 0.408 | 2.01 | 2.75 | 1.91 | 0.258 | 1.58 | 1.37 | 1.33 | 2.50 | 0.540 | MAX |
| MIN | 0.167 | 0.148 | 0.148 | 0.448 | 0.547 | 0.089 | 0.094 | 0.148 | 0.185 | 0.387 | 0.540 | 0.056 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.588
MAXIMUM DAILY, 2.75 ON MAY 23
MINIMUM DAILY, 0.0588 ON DEC 31
MAXIMUM INSTANTANEOUS,
2.93 AT 02:46 EST ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 58 N
LONG 89 16 28 W
DRAINAGE AREA, 187 km²

E - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 498 | JUL | 434 |
| FEB | 375 | AUG | 1 490 |
| MAR | 587 | SEP | 2 020 |
| APR | 3 440 | OCT | 2 200 |
| MAY | 3 240 | NOV | 2 210 |
| JUN | 1 570 | DEC | 456 |

TOTAL DISCHARGE, 18 500 dam³

## NIAGARA RIVER AT QUEENSTON - STATION NO 02HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7 100 | 7 050 | 6 780 | 7 440 | 7 120 | 7 100 | 6 950 | 6 270 | 6 920 | 6 890 | 5 570 | 6 670 | 1 |
| 2 | 7 180 | 7 200 | 7 760 | 7 510 | 6 900 | 6 980 | 6 780 | 6 380 | 6 780 | 5 900 | 5 940 | 6 100 | 2 |
| 3 | 7 370 | 7 180 | 7 150 | 7 560 | 6 730 | 7 050 | 7 080 | 6 940 | 6 540 | 6 310 | 6 380 | 6 520 | 3 |
| 4 | 7 190 | 7 230 | 7 140 | 6 550 | 7 020 | 7 060 | 6 780 | 6 960 | 6 600 | 6 200 | 6 380 | 6 150 | 4 |
| 5 | 7 140 | 7 200 | 7 040 | 6 670 | 7 180 | 6 990 | 6 450 | 6 740 | 6 380 | 6 560 | 6 410 | 6 000 | 5 |
| 6 | 7 240 | 7 310 | 7 040 | 7 300 | 7 230 | 6 430 | 7 000 | 6 740 | 6 200 | 6 640 | 6 530 | 5 780 | 6 |
| 7 | 7 530 | 7 110 | 7 070 | 7 350 | 7 170 | 6 810 | 6 920 | 6 670 | 6 290 | 6 670 | 6 530 | 6 010 | 7 |
| 8 | 7 610 | 7 310 | 6 920 | 7 440 | 7 140 | 7 180 | 7 070 | 6 510 | 6 830 | 6 630 | 6 200 | 6 130 | 8 |
| 9 | 7 340 | 6 920 | 6 850 | 7 430 | 7 040 | 7 100 | 7 140 | 6 280 | 6 720 | 6 710 | 6 380 | 6 580 | 9 |
| 10 | 7 230 | 7 410 | 6 510 | 7 340 | 6 830 | 6 880 | 7 040 | 6 820 | 6 880 | 6 270 | 6 830 | 6 470 | 10 |
| 11 | 7 310 | 7 000 | 6 760 | 7 240 | 7 180 | 6 810 | 6 890 | 6 670 | 6 540 | 6 820 | 6 880 | 6 230 | 11 |
| 12 | 6 070 | 6 950 | 6 880 | 6 980 | 7 140 | 7 100 | 6 850 | 6 580 | 6 440 | 6 350 | 6 410 | 6 890 | 12 |
| 13 | 7 510 | 7 040 | 6 910 | 7 370 | 7 080 | 6 840 | 6 980 | 6 770 | 6 040 | 6 220 | 6 480 | 6 430 | 13 |
| 14 | 7 440 | 6 300 | 6 780 | 7 230 | 7 110 | 6 240 | 7 120 | 6 810 | 6 550 | 6 450 | 6 930 | 6 230 | 14 |
| 15 | 7 500 | 6 370 | 6 680 | 7 280 | 7 280 | 6 910 | 6 830 | 6 480 | 6 600 | 6 410 | 6 810 | 6 690 | 15 |
| 16 | 7 280 | 6 610 | 6 710 | 7 170 | 6 850 | 6 830 | 6 730 | 6 170 | 6 530 | 6 220 | 6 050 | 7 690 | 16 |
| 17 | 7 000 | 6 310 | 6 890 | 7 230 | 6 760 | 6 730 | 6 850 | 6 930 | 6 570 | 6 090 | 6 220 | 6 580 | 17 |
| 18 | 7 370 | 6 630 | 6 810 | 6 950 | 7 080 | 6 770 | 6 770 | 6 790 | 6 550 | 6 070 | 6 780 | 6 380 | 18 |
| 19 | 6 840 | 6 940 | 6 700 | 6 880 | 6 820 | 6 750 | 6 880 | 6 780 | 6 410 | 6 300 | 6 530 | 6 290 | 19 |
| 20 | 7 210 | 6 880 | 6 810 | 7 180 | 6 950 | 6 430 | 7 090 | 6 950 | 6 270 | 6 330 | 6 440 | 6 300 | 20 |
| 21 | 7 770 | 6 890 | 6 780 | 7 330 | 7 080 | 6 080 | 7 170 | 6 800 | 6 840 | 6 580 | 6 000 | 6 850 | 21 |
| 22 | 7 180 | 6 890 | 6 830 | 7 070 | 7 140 | 6 880 | 7 120 | 6 710 | 6 640 | 6 480 | 6 850 | 6 880 | 22 |
| 23 | 7 780 | 6 890 | 6 780 | 7 140 | 6 740 | 6 880 | 7 120 | 6 130 | 6 640 | 6 810 | 6 070 | 6 810 | 23 |
| 24 | 7 100 | 6 930 | 6 780 | 7 080 | 6 810 | 6 750 | 7 000 | 6 780 | 6 850 | 6 200 | 6 390 | 6 460 | 24 |
| 25 | 6 920 | 6 920 | 6 820 | 6 710 | 6 640 | 6 880 | 6 880 | 6 880 | 6 700 | 6 990 | 6 960 | 6 310 | 25 |
| 26 | 6 880 | 6 840 | 6 980 | 6 870 | 7 010 | 6 990 | 6 400 | 6 580 | 6 800 | 6 230 | 6 820 | 6 180 | 26 |
| 27 | 6 870 | 6 880 | 6 930 | 7 240 | 7 040 | 6 880 | 7 020 | 6 500 | 6 160 | 6 390 | 6 710 | 6 080 | 27 |
| 28 | 7 060 | 6 710 | 6 740 | 7 430 | 7 070 | 6 950 | 7 020 | 6 550 | 6 820 | 6 410 | 6 740 | 6 710 | 28 |
| 29 | 7 040 | | 6 620 | 7 440 | 7 130 | 7 110 | 6 900 | 6 310 | 6 580 | 6 470 | 6 760 | 6 880 | 29 |
| 30 | 7 330 | | 6 760 | 7 310 | 6 790 | 7 120 | 7 080 | 6 240 | 6 670 | 6 500 | 6 510 | 6 410 | 30 |
| 31 | 7 280 | | 7 180 | | 6 470 | | 6 800 | 6 880 | | 6 970 | | 6 710 | 31 |
| TOTAL | 224 470 | 193 280 | 213 320 | 215 710 | 216 450 | 204 950 | 213 910 | 205 870 | 195 540 | 197 680 | 184 270 | 197 600 | TOTAL |
| MEAN | 7 240 | 6 900 | 6 880 | 7 190 | 6 980 | 6 830 | 6 900 | 6 640 | 6 520 | 6 380 | 6 140 | 6 370 | MEAN |
| MAX | 8 070 | 7 410 | 7 760 | 7 610 | 7 260 | 7 180 | 7 170 | 6 980 | 6 920 | 6 900 | 6 780 | 7 690 | MAX |
| MIN | 6 920 | 6 300 | 6 510 | 6 870 | 6 470 | 6 080 | 6 400 | 6 130 | 6 040 | 6 820 | 6 570 | 6 710 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 750
MAXIMUM DAILY, 8 070 ON JAN 12
MINIMUM DAILY, 6 070 ON NOV 1

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 43 09 25 N
LONG 79 02 50 W
DRAINAGE AREA, 688 000 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 19 400 000 | JUL | 18 500 000 |
| FEB | 16 700 000 | AUG | 17 800 000 |
| MAR | 18 400 000 | SEP | 17 000 000 |
| APR | 18 600 000 | OCT | 17 100 000 |
| MAY | 18 700 000 | NOV | 15 900 000 |
| JUN | 17 700 000 | DEC | 17 100 000 |

TOTAL DISCHARGE, 213 000 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL NIAGARA COMMITTEE

REGULATED SINCE 1955

REMARKS - DISCHARGES INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

## NIPIGON RIVER AT PINE PORTAGE - STATION NO. 02AD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 239 | 340 | 302 | 338 | 191 | 110 | 115 | 185 | 117 | 345 | 125 | 199 | 1 |
| 2 | 289 | 334 | 295 | 342 | 122 | 111 | 108 | 240 | 126 | 289 | 154 | 130 | 2 |
| 3 | 289 | 334 | 314 | 342 | 111 | 111 | 179 | 273 | 125 | 266 | 156 | 260 | 3 |
| 4 | 293 | 324 | 296 | 344 | 111 | 128 | 149 | 139 | 139 | 187 | 118 | 241 | 4 |
| 5 | 307 | 292 | 303 | 338 | 110 | 126 | 111 | 123 | 209 | 135 | 140 | 128 | 5 |
| 6 | 300 | 277 | 304 | 339 | 124 | 115 | 216 | 123 | 128 | 121 | 160 | 124 | 6 |
| 7 | 309 | 279 | 288 | 337 | 108 | 114 | 150 | 169 | 121 | 205 | 123 | 120 | 7 |
| 8 | 304 | 283 | 302 | 338 | 113 | 110 | 262 | 151 | 131 | 218 | 123 | 185 | 8 |
| 9 | 317 | 280 | 382 | 333 | 124 | 111 | 275 | 162 | 150 | 168 | 199 | 152 | 9 |
| 10 | 314 | 276 | 312 | 314 | 115 | 110 | 111 | 136 | 144 | 132 | 223 | 123 | 10 |
| 11 | 308 | 280 | 317 | 315 | 121 | 122 | 213 | 115 | 284 | 120 | 187 | 123 | 11 |
| 12 | 306 | 297 | 285 | 312 | 128 | 121 | 218 | 184 | 266 | 253 | 148 | 174 | 12 |
| 13 | 313 | 301 | 291 | 320 | 109 | 113 | 115 | 185 | 113 | 249 | 113 | 184 | 13 |
| 14 | 322 | 302 | 300 | 307 | 114 | 120 | 118 | 210 | 221 | 284 | 114 | 120 | 14 |
| 15 | 320 | 304 | 299 | 285 | 110 | 112 | 120 | 248 | 156 | 311 | 117 | 180 | 15 |
| 16 | 315 | 304 | 304 | 284 | 148 | 115 | 117 | 187 | 131 | 316 | 123 | 118 | 16 |
| 17 | 317 | 307 | 315 | 270 | 111 | 117 | 171 | 120 | 120 | 240 | 118 | 119 | 17 |
| 18 | 316 | 297 | 322 | 281 | 109 | 115 | 256 | 120 | 138 | 203 | 114 | 119 | 18 |
| 19 | 324 | 284 | 317 | 284 | 117 | 118 | 281 | 153 | 144 | 212 | 112 | 122 | 19 |
| 20 | 336 | 288 | 317 | 249 | 120 | 119 | 110 | 141 | 206 | 245 | 166 | 117 | 20 |
| 21 | 315 | 289 | 312 | 285 | 142 | 118 | 109 | 120 | 272 | 218 | 168 | 117 | 21 |
| 22 | 314 | 289 | 315 | 304 | 133 | 116 | 113 | 218 | 242 | 188 | 111 | 120 | 22 |
| 23 | 330 | 281 | 324 | 298 | 110 | 116 | 114 | 129 | 193 | 184 | 149 | 115 | 23 |
| 24 | 379 | 286 | 315 | 256 | 118 | 144 | 112 | 110 | 191 | 182 | 104 | 124 | 24 |
| 25 | 378 | 296 | 317 | 247 | 120 | 162 | 166 | 139 | 138 | 242 | 283 | 118 | 25 |
| 26 | 377 | 296 | 317 | 187 | 116 | 113 | 138 | 114 | 186 | 178 | 135 | 118 | 26 |
| 27 | 382 | 297 | 317 | 225 | 113 | 114 | 116 | 119 | 172 | 166 | 268 | 116 | 27 |
| 28 | 377 | 295 | 318 | 245 | 112 | 117 | 112 | 114 | 143 | 143 | 178 | 116 | 28 |
| 29 | 340 | | 336 | 188 | 120 | 120 | 181 | 131 | 231 | 134 | 111 | 266 | 29 |
| 30 | 364 | | 326 | 187 | 116 | 123 | 129 | 138 | 279 | 268 | 152 | 328 | 30 |
| 31 | 362 | | 339 | | 107 | | 118 | 110 | | 197 | | 306 | 31 |
| TOTAL | 10 037 | 8 342 | 9 698 | 8 704 | 3 720 | 3 561 | 4 783 | 4 848 | 5 216 | 6 532 | 4 460 | 4 841 | TOTAL |
| MEAN | 324 | 298 | 313 | 280 | 120 | 119 | 155 | 156 | 174 | 211 | 149 | 156 | MEAN |
| MAX | 382 | 340 | 382 | 344 | 191 | 162 | 282 | 273 | 284 | 345 | 283 | 328 | MAX |
| MIN | 239 | 276 | 285 | 187 | 107 | 110 | 108 | 110 | 113 | 130 | 104 | 116 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 205
MAXIMUM DAILY, 382 ON JAN 27
MINIMUM DAILY, 104 ON NOV 24

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 18 28 N
LONG 88 18 40 W
DRAINAGE AREA, 24 600 km²

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 867 000 | JUL | 414 000 |
| FEB | 721 000 | AUG | 419 000 |
| MAR | 838 000 | SEP | 451 000 |
| APR | 752 000 | OCT | 564 000 |
| MAY | 321 000 | NOV | 385 000 |
| JUN | 308 000 | DEC | 418 000 |

TOTAL DISCHARGE, 5 480 000 dam³

## MISSOURI CREEK NEAR EMBRO - STATION NO. 02GD022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 445 | 0 100 | 0 4508 | 1 01 | 0 119 | 2 08 | 0 029 | 0 011 | 0 021 | 0 060 | 0 117 | 0 856 | 1 |
| 2 | 0 434 | 0 106 | 1 30 B | 0 884 | 0 113 | 1 07 | 0 026 | 0 091 | 0 022 | 0 057 | 0 120 | 0 385 | 2 |
| 3 | 0 4008 | 0 157 | 0 8508 | 0 818 | 0 100 | 0 615 | 0 061 | 0 052 | 0 017 | 0 078 | 0 111 | 0 291 | 3 |
| 4 | 0 3808 | 0 1608 | 0 785A | 0 973 | 0 088 | 0 380 | 0 212 | 0 027 | 0 013 | 0 061 | 0 108 | 0 223 | 4 |
| 5 | 0 3408 | 0 1338 | 0 316 | 4 92 | 0 084 | 0 265 | 0 069 | 0 026 | 0 010 | 0 037 | 0 100 | 0 180 | 5 |
| 6 | 0 3108 | 0 1208 | 0 395 | 2 83 | 0 086 | 0 183 | 0 043 | 0 020 | 0 010 | 0 038 | 0 101 | 0 141 | 6 |
| 7 | 0 319 | 0 1108 | 1 64 | 1 34 | 0 070 | 0 124 | 0 035 | 0 016 | 0 014 | 0 039 | 0 170 | 0 118 | 7 |
| 8 | 0 312 | 0 1178 | 3 95 | 0 823 | 0 089 | 0 142 | 0 197 | 0 014 | 0 018 | 0 083 | 0 824 | 0 121 | 8 |
| 9 | 0 313 | 0 1258 | 2 45 B | 0 808 | 0 067 | 0 113 | 0 369 | 0 016 | 0 042 | 0 513 | 0 808 | 0 108 | 9 |
| 10 | 0 335 | 0 1158 | 1 13 B | 0 507 | 0 081 | 0 086 | 0 251 | 0 287 | 0 014 | 0 040 | 0 317 | 0 700 | 10 |
| 11 | 0 303 | 0 1038 | 0 820 | 0 439 | 0 064 | 0 079 | 0 135 | 0 089 | 0 023 | 0 038 | 0 220 | 0 487 | 11 |
| 12 | 0 273 | 0 0878 | 0 487 | 1 16 | 0 055 | 0 081 | 0 061 | 0 054 | 0 057 | 0 038 | 0 175 | 0 539 | 12 |
| 13 | 0 276 | 0 0848 | 0 178 | 1 37 | 0 053 | 0 077 | 0 230 | 0 038 | 0 085 | 0 033 | 0 147 | 0 482 | 13 |
| 14 | 0 311 | 0 0808 | 0 119 | 0 803 | 0 065 | 0 065 | 0 750 | 0 031 | 0 040 | 0 033 | 0 125 | 0 369 | 14 |
| 15 | 0 863 | 0 0758 | 0 149 | 0 856 | 0 118 | 0 049 | 0 255 | 0 033 | 0 033 | 0 035 | 0 111 | 1 02 | 15 |
| 16 | 0 816 | 0 0738 | 0 215 | 0 561 | 0 073 | 0 044 | 0 120 | 0 023 | 0 031 | 0 035 | 0 102 | 1 08 | 16 |
| 17 | 0 5508 | 0 0708 | 0 280 | 0 447 | 0 068 | 0 038 | 0 078 | 0 025 | 0 037 | 0 035 | 0 107 | 0 835 | 17 |
| 18 | 0 4508 | 0 0678 | 0 439 | 0 344 | 0 063 | 0 034 | 0 062 | 0 017 | 0 054 | 0 048 | 0 106 | 0 455 | 18 |
| 19 | 0 3708 | 0 0648 | 0 604 | 0 295 | 0 079 | 0 035 | 0 052 | 0 016 | 0 046 | 0 046 | 0 090 | 0 430 | 19 |
| 20 | 0 3108 | 0 0628 | 0 685 | 0 255 | 0 077 | 0 030 | 0 047 | 0 014 | 0 044 | 0 045 | 0 088 | 4 57 | 20 |
| 21 | 0 2708 | 0 0608 | 0 675 | 0 218 | 0 069 | 0 031 | 0 038 | 0 014 | 0 169 | 0 050 | 0 0778 | 3 15 | 21 |
| 22 | 0 2408 | 0 0588 | 0 696 | 0 194 | 0 060 | 0 047 | 0 030 | 0 021 | 0 128 | 0 067 | 0 0758 | 1 36 | 22 |
| 23 | 0 2108 | 0 0568 | 0 800 | 0 218 | 0 060 | 0 057 | 0 026 | 0 020 | 0 065 | 0 143 | 0 085 | 0 898 | 23 |
| 24 | 0 1908 | 0 0548 | 0 736 | 0 213 | 0 051 | 0 037 | 0 023 | 0 012 | 0 038 | 0 218 | 0 097 | 0 735 | 24 |
| 25 | 0 1708 | 0 0528 | 0 690 | 0 181 | 0 054 | 0 027 | 0 039 | 0 015 | 0 031 | 0 370 | 2 47 | 1 66 | 25 |
| 26 | 0 1508 | 0 0518 | 0 789 | 0 160 | 0 050 | 0 037 | 0 023 | 0 016 | 0 032 | 0 185 | 2 45 | 1 17 | 26 |
| 27 | 0 1358 | 0 0508 | 0 841 | 0 150 | 0 043 | 0 039 | 0 014 | 0 036 | 0 032 | 0 553 | 0 931 | 0 756 | 27 |
| 28 | 0 1208 | 0 0498 | 0 574 | 0 171 | 0 050 | 0 041 | 0 014 | 0 030 | 0 034 | 0 455 | 0 570 | 0 578 | 28 |
| 29 | 0 1138 | | 0 508 | 0 160 | 0 065 | 0 038 | 0 013 | 0 024 | 0 033 | 0 271 | 0 921 | 0 5808 | 29 |
| 30 | 0 1058 | | 1 77 | 0 122 | 3 12 | 0 030 | 0 014 | 0 017 | 0 048 | 0 203 | 0 807 | 0 416 | 30 |
| 31 | 0 101 | | 1 31 | | 7 25 | | 0 013 | 0 019 | | 0 145 | | 0 326 | 31 |
| TOTAL | 9 894 | 2 429 | 26 630 | 22 830 | 12 441 | 5 974 | 3 310 | 1 729 | 1 186 | 3 551 | 12 036 | 25 486 | TOTAL |
| MEAN | 0 319 | 0 087 | 0 856 | 0 761 | 0 401 | 0 199 | 0 107 | 0 056 | 0 040 | 0 115 | 0 401 | 0 822 | MEAN |
| MAX | 0 863 | 0 157 | 3 95 | 4 92 | 7 25 | 2 08 | 0 750 | 0 630 | 0 169 | 0 553 | 2 47 | 4 57 | MAX |
| MIN | 0 101 | 0 049 | 0 119 | 0 122 | 0 043 | 0 027 | 0 013 | 0 011 | 0 010 | 0 033 | 0 075 | 0 116 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 349
MAXIMUM DAILY 7 25 ON MAY 31
MINIMUM DAILY 0 010 ON SEP 5
MAXIMUM INSTANTANEOUS,
23 7 AT 21 06 EST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 48 N
LONG 80 57 48 W
DRAINAGE AREA 29 1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 855 | JUL | 286 |
| FEB | 210 | AUG | 145 |
| MAR | 2 290 | SEP | 102 |
| APR | 1 970 | OCT | 307 |
| MAY | 1 070 | NOV | 1 040 |
| JUN | 516 | DEC | 2 200 |

TOTAL DISCHARGE, 11 000 dam³

REMARKS - DATA FOR 1975-77, 1984-86 AVAILABLE FROM OMOE

## NITH RIVER ABOVE NITHBURG - STATION NO 02GA038

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.54 | 0.930B | 1.20B | 10.5 | 0.424 | 0.144 | 0.149 | 0.154 | 0.152 | 0.275 | 2.20 E | 12.8 | 1 |
| 2 | 3.43 | 0.860B | 1.80B | 8.93 | 0.382 | 0.168 | 0.129 | 8.55 | 0.155 | 0.283 | 1.65 E | 7.48 | 2 |
| 3 | 3.13 | 0.850B | 2.22B | 8.56 | 0.350 | 0.131 | 0.177 | 16.3 | 0.139 | 0.292 | 1.55 E | 4.76 | 3 |
| 4 | 2.80 B | 0.800B | 2.35B | 9.46 | 0.309 | 0.098 | 0.155 | 4.46 | 0.131 | 0.258A | 1.43 E | 3.56 | 4 |
| 5 | 2.48 B | 0.770B | 2.45B | 39.7 | 0.285 | 0.082 | 0.117 | 1.82 | 0.124 | 0.218E | 1.35 E | 2.77 | 5 |
| 6 | 2.27 | 0.760B | 2.60B | 25.7 | 0.268 | 0.094 | 0.152 | 1.01 | 0.118 | 0.203E | 0.990E | 2.16 | 6 |
| 7 | 2.12 | 0.770B | 8.00B | 10.8 | 0.259 | 0.122 | 0.205 | 0.787 | 0.127 | 0.210E | 0.860E | 1.71 | 7 |
| 8 | 1.97 | 0.870B | 36.0 B | 5.90 | 0.240 | 0.114 | 1.97 | 5.31 | 0.107A | 0.225E | 3.50 E | 1.57 | 8 |
| 9 | 1.96 | 1.10 B | 58.4 | 3.89 | 0.228 | 0.098 | 20.2 | 10.8 | 0.085E | 0.242E | 11.0 E | 8.87 | 9 |
| 10 | 1.82 | 1.15 B | 33.1 | 2.63 | 0.202 | 0.080 | 6.86 | 10.2 | 0.069A | 0.320E | 4.80 E | 13.1 | 10 |
| 11 | 1.89 | 1.20 B | 17.7 | 1.98 | 0.190 | 0.069 | 2.16 | 3.95 | 0.122 | 0.350E | 2.80 E | 5.22 | 11 |
| 12 | 1.39 | 1.05 B | 9.45 | 2.11 | 0.196 | 0.081 | 1.02 | 1.94 | 0.146 | 0.280E | 2.00 E | 5.43 | 12 |
| 13 | 1.56 | 0.950B | 6.22 | 3.31 | 0.174 | 0.066 | 0.672 | 1.14 | 0.132 | 0.221A | 1.75 E | 8.49 | 13 |
| 14 | 2.01 | 0.880B | 4.68 | 2.59 | 0.158 | 0.052 | 0.624 | 0.827 | 0.102 | 0.202 | 1.45 E | 5.44 | 14 |
| 15 | 2.96 | 0.820B | 3.79 | 2.13 | 0.577 | 0.032 | 0.967 | 0.652 | 0.091 | 0.184 | 1.21 E | 4.58 | 15 |
| 16 | 4.81 | 0.780B | 3.71 | 1.71 | 0.872 | 0.028 | 0.844 | 0.517 | 0.085 | 0.145 | 1.10 E | 4.37 | 16 |
| 17 | 4.40 B | 0.760B | 3.98 | 1.40 | 0.484 | 0.026 | 0.521 | 0.485 | 0.191 | 0.132 | 1.04 E | 3.77 | 17 |
| 18 | 3.80 B | 0.700B | 6.07 | 1.16 | 0.381 | 0.023 | 0.383 | 0.402 | 0.271 | 0.141 | 1.00 E | 3.41 | 18 |
| 19 | 3.10 B | 0.640B | 13.5 | 0.990 | 0.366 | 0.023 | 0.351 | 0.342 | 0.332 | 0.137 | 1.02 E | 2.94 | 19 |
| 20 | 2.60 B | 0.620B | 24.4 | 0.898 | 0.325 | 0.025 | 7.70 | 0.312 | 0.328 | 0.137 | 1.40 E | 22.1 | 20 |
| 21 | 2.32 B | 0.650B | 32.6 | 0.837 | 0.287 | 0.028 | 3.33 | 0.267 | 0.459 | 0.163A | 1.10 E | 38.4 | 21 |
| 22 | 2.10 B | 0.700B | 40.8 | 0.783 | 0.255 | 0.122 | 1.24 | 0.243 | 0.487 | 0.200E | 1.00 E | 14.0 | 22 |
| 23 | 1.85 B | 0.750B | 43.7 | 0.720 | 0.234 | 6.25 | 0.726 | 0.213 | 0.432 | 0.300E | 0.950E | 7.70 | 23 |
| 24 | 1.63 B | 0.700B | 37.6 | 0.888 | 0.213 | 2.14 | 0.979 | 0.192 | 0.339 | 0.400E | 1.50 E | 5.56 | 24 |
| 25 | 1.45 B | 0.620B | 24.6 | 0.590 | 0.192 | 0.830 | 3.89 | 0.173 | 0.273 | 7.00 E | 10.0 E | 40.3 | 25 |
| 26 | 1.33 B | 0.560B | 19.1 | 0.513 | 0.189 | 0.505 | 1.06 | 0.158 | 0.228 | 4.00 E | 55.8 A | 23.6 | 26 |
| 27 | 1.22 B | 0.570B | 12.0 | 0.485 | 0.181 | 0.358 | 0.606 | 0.182 | 0.196 | 5.48 A | 18.5 | 8.37 | 27 |
| 28 | 1.17 B | 0.720B | 7.77 | 0.550 | 0.157 | 0.288 | 0.409 | 0.181 | 0.177 | 7.90 E | 9.08 | 4.208 | 28 |
| 29 | 1.10 B | | 5.86 | 0.648 | 0.138 | 0.225 | 0.297 | 0.184 | 0.183 | 5.70 E | 24.0 | 2.708 | 29 |
| 30 | 1.03 B | | 28.0 | 0.486 | 0.100 | 0.186 | 0.241 | 0.173 | 0.269 | 5.40 E | 17.2 | 2.208 | 30 |
| 31 | 0.980B | | 17.0 | | 0.102 | | 0.183 | 0.185 | | 3.50 E | | 2.308 | 31 |
| TOTAL | 70.220 | 22.680 | 520.65 | 150.347 | 8.736 | 12.508 | 58.297 | 72.079 | 6.077 | 44.178 | 183.130 | 273.86 | TOTAL |
| MEAN | 2.27 | 0.810 | 16.8 | 5.01 | 0.282 | 0.417 | 1.88 | 2.33 | 0.203 | 1.43 | 6.10 | 8.83 | MEAN |
| MAX | 4.81 | 1.20 | 58.4 | 39.7 | 0.872 | 6.25 | 20.2 | 16.3 | 0.487 | 7.90 | 55.8 | 40.3 | MAX |
| MIN | 0.980 | 0.560 | 1.20 | 0.485 | 0.100 | 0.023 | 0.117 | 0.154 | 0.069 | 0.132 | 0.950 | 1.57 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.80
MAXIMUM DAILY, 58.4 ON MAR 9
MINIMUM DAILY, 0.023 ON JUN 18
MAXIMUM INSTANTANEOUS,
90.7 AT 23.91 EST ON MAR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 29 02 N
LONG 80 50 06 W
DRAINAGE AREA, 326 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 070 | JUL | 5 040 |
| FEB | 1 960 | AUG | 6 230 |
| MAR | 45 000 | SEP | 525 |
| APR | 13 000 | OCT | 3 820 |
| MAY | 755 | NOV | 15 800 |
| JUN | 1 080 | DEC | 23 700 |

TOTAL DISCHARGE, 123 000 dam³

## NITH RIVER AT NEW HAMBURG - STATION NO 02GA018

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.08 | 2.23 | 1.78B | 19.3 | 1.75 | 1.01 | 0.533 | 0.501 | 0.531 | 0.915 | 5.59 | 16.1 | 1 |
| 2 | 5.93 | 2.30 | 4.04B | 15.2 | 1.63 | 1.14 | 0.472 | 0.717 | 0.550 | 0.901 | 4.35 | 12.6 | 2 |
| 3 | 4.95 | 2.25 | 6.57B | 14.0 | 1.56 | 1.28 | 1.18 | 17.0 | 0.530 | 0.876 | 3.67 | 8.22 | 3 |
| 4 | 4.06 | 2.19 | 6.09B | 15.7 | 1.42 | 1.01 | 1.21 | 11.2 | 0.492 | 0.882 | 3.26 | 6.66 | 4 |
| 5 | 4.66 | 2.06 | 5.71B | 48.9 | 1.31 | 0.800 | 0.822 | 4.46 | 0.478 | 0.839 | 3.11 | 5.78 | 5 |
| 6 | 4.41 | 1.95 | 5.80B | 57.5 | 1.31 | 0.725 | 0.756 | 2.52 | 0.474 | 0.797 | 2.87 | 4.96 | 6 |
| 7 | 4.18 | 2.02 | 9.21 | 26.3 | 1.24 | 0.715 | 0.893 | 1.61 | 0.546 | 0.831 | 2.37 | 4.17 | 7 |
| 8 | 3.81 | 2.04 | 39.5 | 13.9 | 1.61 | 0.756 | 4.19 | 2.08 | 0.645 | 0.897 | 2.84 | 3.71 | 8 |
| 9 | 3.78 | 1.87 | 66.5 | 9.33 | 1.13 | 0.712 | 7.19 | 5.53 | 0.707 | 0.913 | 12.5 | 6.50 | 9 |
| 10 | 3.80 | 2.15 | 41.7 | 7.49 | 1.04 | 0.662 | 17.3 | 14.3 | 0.629 | 0.866 | 11.6 | 21.0 | 10 |
| 11 | 3.84 | 2.62 | 27.3 | 6.36 | 1.08 | 0.841 | 6.32 | 8.38 | 0.505 | 0.822 | 6.73 | 11.6 | 11 |
| 12 | 3.55 | 3.56 | 17.9 | 5.12 | 1.19 | 0.690 | 3.39 | 4.59 | 0.827 | 0.821 | 5.04 | 8.57 | 12 |
| 13 | 3.32 | 3.25 | 11.6 | 5.12 | 1.35 | 0.886 | 1.89 | 2.88 | 0.859 | 0.784 | 3.93 | 9.17 | 13 |
| 14 | 3.41 | 3.11 | 9.38 | 5.04 | 1.02 | 0.573 | 1.79 | 1.71 | 0.883 | 0.735 | 3.38 | 8.80 | 14 |
| 15 | 4.73 | 2.21 | 7.83 | 5.76 | 1.55 | 0.490 | 2.24 | 1.52 | 0.587 | 0.872 | 2.83 | 8.08 | 15 |
| 16 | 7.31 | 2.18 | 7.85 | 5.07 | 1.51 | 0.470 | 1.93 | 1.29 | 0.542 | 0.852 | 2.46 | 8.99 | 16 |
| 17 | 6.91 | 1.74 | 8.19 | 5.22 | 1.74 | 0.455 | 1.50 | 1.09 | 0.629 | 0.876 | 2.35 | 7.71 | 17 |
| 18 | 6.86 | 1.66 | 9.97 | 4.29 | 1.59 | 0.422 | 1.09 | 0.913 | 0.785 | 0.884 | 2.79 | 6.60 | 18 |
| 19 | 5.14 | 1.59 | 18.2 | 3.77 | 1.65 | 0.433 | 0.880 | 0.841 | 1.10 | 0.799 | 2.17 | 6.19 | 19 |
| 20 | 3.868 | 1.47 | 32.2 | 3.48 | 2.28 | 0.431 | 2.87 | 0.715 | 1.08 | 0.716 | 2.15 | 16.2 | 20 |
| 21 | 3.588 | 1.41 | 44.5 | 3.20 | 1.27 | 0.434 | 6.90 | 0.652 | 1.15 | 0.670 | 2.31 | 80.2 | 21 |
| 22 | 3.528 | 1.48 | 50.7 | 2.84 | 1.18 | 0.697 | 3.43 | 0.628 | 1.64 | 0.774 | 1.88 | 28.2 | 22 |
| 23 | 3.498 | 1.53 | 56.9 | 2.60 | 1.09 | 2.10 | 1.80 | 0.607 | 1.43 | 1.38 | 2.03 | 14.4 | 23 |
| 24 | 3.438 | 1.55 | 55.2 | 2.48 | 1.07 | 6.01 | 1.20 | 0.536 | 1.14 | 1.41 | 2.08 | 9.99 | 24 |
| 25 | 3.328 | 1.48 | 39.4 | 2.24 | 0.935 | 2.58 | 5.11 | 0.465 | 0.923 | 7.21 | 8.37 | 25.6 | 25 |
| 26 | 3.208 | 1.35 | 31.5 | 2.02 | 0.943 | 1.41 | 5.20 | 0.428 | 0.778 | 8.69 | 87.8 | 67.7 | 26 |
| 27 | 3.028 | 1.40 | 22.2 | 1.92 | 1.00 | 0.943 | 2.12 | 0.569 | 0.735 | 6.70 | 36.1 | 18.0 | 27 |
| 28 | 2.828 | 1.42 | 14.7 | 2.15 | 0.957 | 0.724 | 1.26 | 0.630 | 0.708 | 15.3 | 15.7 | 9.59 | 28 |
| 29 | 2.638 | | 11.1 | 2.22 | 0.886 | 0.653 | 0.860 | 0.596 | 0.720 | 9.52 | 19.4 | 6.27 | 29 |
| 30 | 2.518 | | 27.6 | 1.89 | 0.995 | 0.582 | 0.671 | 0.548 | 0.732 | 7.28 | 28.0 | 3.88 | 30 |
| 31 | 2.468 | | 39.6 | | 1.18 | | 0.581 | 0.497 | | 6.49 | | 4.48 | 31 |
| TOTAL | 128.02 | 53.04 | 730.32 | 310.51 | 40.316 | 30.350 | 87.958 | 90.203 | 23.114 | 81.900 | 269.55 | 421.42 | TOTAL |
| MEAN | 4.13 | 1.89 | 23.6 | 10.4 | 1.30 | 1.01 | 2.82 | 2.91 | 0.770 | 2.64 | 8.99 | 13.6 | MEAN |
| MAX | 7.31 | 2.62 | 66.5 | 57.5 | 2.28 | 6.01 | 17.3 | 17.0 | 1.64 | 15.3 | 87.8 | 80.2 | MAX |
| MIN | 2.46 | 1.35 | 1.78 | 1.92 | 0.886 | 0.422 | 0.472 | 0.428 | 0.474 | 0.652 | 1.88 | 3.71 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 6.21
MAXIMUM DAILY, 87.8 ON NOV 26
MINIMUM DAILY, 0.422 ON JUN 18
MAXIMUM INSTANTANEOUS,
93.5 AT 16.18 EST ON NOV 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 12 39 N
LONG 80 42 41 W
DRAINAGE AREA 552 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11 100 | JUL | 7 570 |
| FEB | 4 580 | AUG | 7 780 |
| MAR | 63 100 | SEP | 3 000 |
| APR | 26 800 | OCT | 7 080 |
| MAY | 3 480 | NOV | 23 300 |
| JUN | 2 620 | DEC | 36 400 |

TOTAL DISCHARGE, 195 000 dam³

## NITH RIVER NEAR CANNING - STATION NO 02GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.6 | 5.40E | 4.10E | 45.2 | 5.95 | 6.51 | 3.06 | 3.18 | 2.93 | 3.03 | 9.51 | 36.1 | 1 |
| 2 | 12.0 | 5.20E | 5.00E | 32.8 | 5.73 | 5.30 | 3.04 | 3.32 | 2.80 | 2.87 | 7.91 | 26.8 | 2 |
| 3 | 11.0 E | 5.00E | 9.30E | 28.2 | 5.36 | 5.22 | 3.24 | 5.35 | 2.69 | 3.04 | 5.96 | 19.6 | 3 |
| 4 | 9.60E | 4.80E | 13.0 E | 27.2 | 5.09 | 4.78 | 12.3 | 20.2 | 2.55 | 3.12 | 6.35 | 14.9 | 4 |
| 5 | 10.5 E | 4.60E | 12.0 E | 44.8 | 4.95 | 4.23 | 8.36 | 15.2 A | 2.46 | 3.05 | 5.94 | 12.3 | 5 |
| 6 | 11.3 E | 4.40E | 11.2 E | 80.0 | 4.86 | 3.88 | 5.01 | 7.50E | 2.43 | 2.90 | 5.69 | 10.8 | 6 |
| 7 | 10.5 | 4.42E | 20.0 E | 67.8 | 4.67 | 3.86 | 4.12 | 5.50E | 2.40 | 2.96 | 5.49 | 9.71 | 7 |
| 8 | 9.15 | 4.50E | 37.0 E | 35.8 | 4.56 | 3.82 | 4.90 | 5.00E | 2.42 | 3.06 | 5.35 | 8.94 | 8 |
| 9 | 8.84 | 4.20E | 67.6 | 23.8 | 4.70 | 3.85 | 10.7 | 5.70E | 2.43 | 3.12 | 5.72 | 9.29 | 9 |
| 10 | 9.88 | 4.90E | 89.5 | 18.0 | 4.51 | 3.85 | 12.0 | 7.40E | 2.27 | 3.02 | 12.9 | 15.9 | 10 |
| 11 | 8.86 | 5.60E | 49.2 | 15.1 | 4.45 | 3.48 | 22.4 | 17.0 E | 2.41 | 2.92 | 13.7 | 27.9 | 11 |
| 12 | 8.61 | 5.67E | 36.7 | 13.8 | 4.52 | 3.53 | 10.7 | 10.0 E | 3.14 | 2.81 | 9.47 | 18.0 | 12 |
| 13 | 8.50E | 5.65E | 25.7 | 16.0 | 4.40 | 3.49 | 7.38 | 6.70E | 3.36 | 2.73 | 7.70 | 15.0 | 13 |
| 14 | 8.50E | 5.60E | 13.0 E | 17.2 | 4.80 | 3.36 | 5.67 | 5.30E | 3.93 | 2.71 | 6.84 | 13.0 | 14 |
| 15 | 8.80E | 5.10E | 16.1 | 15.1 | 5.23 | 3.13 | 6.34 | 4.60E | 3.12 | 2.70 | 6.17 | 15.4 | 15 |
| 16 | 10.0 E | 4.70E | 14.4 | 13.2 | 5.24 | 2.98 | 5.93 | 4.10E | 2.81 | 2.65 | 5.84 | 18.8 | 16 |
| 17 | 12.0 E | 4.40E | 14.8 | 11.8 | 4.88 | 2.83 | 5.14 | 3.80E | 2.98 | 2.80 | 5.73 | 17.7 | 17 |
| 18 | 11.0 E | 4.10E | 15.6 | 10.8 | 5.15 | 2.75 | 4.74 | 3.50E | 3.46 | 3.17 | 5.71 | 15.0 | 18 |
| 19 | 10.0 E | 3.80E | 19.9 | 9.77 | 5.14 | 2.70 | 4.17 | 3.30E | 3.52 | 2.75 | 5.86 | 13.5 | 19 |
| 20 | 7.40E | 3.50E | 31.6 | 9.02 | 4.90 | 2.55 | 8.53 | 3.10E | 3.48 | 2.81 | 5.29 | 17.4 | 20 |
| 21 | 7.30E | 3.40E | 43.9 | 8.34 | 5.14 | 2.60 | 6.68 | 2.98E | 4.06 | 2.86 | 5.01 | 48.3 | 21 |
| 22 | 7.10E | 3.50E | 52.4 | 7.88 | 4.70 | 3.90 | 5.45 | 2.86E | 4.12 | 3.26 | 4.89 | 68.0 | 22 |
| 23 | 7.00E | 3.60E | 58.9 | 7.62 | 4.34 | 5.70 | 6.86 | 2.80E | 3.83 | 3.91 | 5.03B | 36.7 | 23 |
| 24 | 6.90E | 3.70E | 63.6 | 7.62 | 4.08 | 5.01 | 5.16 | 2.74A | 4.04 | 6.26 | 5.24 | 24.2 | 24 |
| 25 | 6.80E | 3.50E | 58.1 | 6.93 | 3.84 | 7.78 | 5.83 | 2.63 | 3.85 | 8.47 | 7.16 | 23.9 | 25 |
| 26 | 6.60E | 3.30E | 51.3 | 6.48 | 3.77 | 6.09 | 9.66 | 2.51 | 3.20 | 9.33 | 29.7 | 57.5 | 26 |
| 27 | 6.50E | 3.20E | 42.9 | 6.18 | 3.72 | 4.66 | 9.18 | 2.79 | 2.81 | 12.4 | 75.4 | 50.7 | 27 |
| 28 | 6.30E | 3.30E | 32.4 | 6.28 | 3.61 | 4.02 | 6.04 | 2.86 | 2.61 | 12.4 | 41.8 | 25.2 | 28 |
| 29 | 6.10E | | 24.0 | 6.38 | 3.51 | 3.56 | 4.62 | 2.88 | 2.60 | 19.2 | 25.3 | 15.0 E | 29 |
| 30 | 5.90E | | 22.8 | 6.28 | 3.56 | 3.27 | 3.88 | 2.75 | 2.82 | 13.5 | 34.1 | 10.0 E | 30 |
| 31 | 5.60E | | 51.0 | | 4.52 | | 3.46 | 2.70 | | 10.5 | | 10.8 E | 31 |
| TOTAL | 271.14 | 123.04 | 887.80 | 615.28 | 147.76 | 123.42 | 216.55 | 170.23 | 91.85 | 158.11 | 377.76 | 709.64 | TOTAL |
| MEAN | 8.75 | 4.39 | 31.9 | 20.5 | 4.77 | 4.11 | 7.05 | 5.49 | 3.07 | 5.10 | 12.6 | 22.9 | MEAN |
| MAX | 12.6 | 5.67 | 89.5 | 90.0 | 5.52 | 7.78 | 22.4 | 20.2 | 4.12 | 19.2 | 75.4 | 68.0 | MAX |
| MIN | 5.60 | 3.20 | 4.10 | 6.18 | 3.51 | 3.56 | 3.04 | 2.51 | 2.27 | 2.51 | 4.89 | 8.94 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.9
MAXIMUM DAILY, 90.0 ON APR 6
MINIMUM DAILY, 2.27 ON SEP 10
MAXIMUM INSTANTANEOUS,
102 AT 19:15 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 11 26 N
LONG 80 27 17 W
DRAINAGE AREA, 1 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 23 400 | JUL | 18 900 |
| FEB | 10 600 | AUG | 14 700 |
| MAR | 85 300 | SEP | 7 940 |
| APR | 53 200 | OCT | 13 700 |
| MAY | 12 800 | NOV | 32 800 |
| JUN | 10 700 | DEC | 61 300 |

TOTAL DISCHARGE, 345 000 dam³

## MOLIN CREEK AT SUDBURY - STATION NO 02CF009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0628 | 0.0418 | 0.0528 | 1.11 | 0.105 | 0.123 | 0.017 | 0.013 | 0.011 | 0.111 | 0.078 | 0.170 | 1 |
| 2 | 0.0628 | 0.0428 | 0.0448 | 0.700 | 0.099 | 0.102 | 0.013 | 0.021 | 0.011 | 0.231 | 0.083 | 0.1208 | 2 |
| 3 | 0.0628 | 0.0458 | 0.0468 | 0.597 | 0.067 | 0.378 | 0.024 | 0.013 | 0.013 | 0.088 | 0.150 | 0.0958 | 3 |
| 4 | 0.0628 | 0.0508 | 0.0428 | 0.828 | 0.082 | 0.183 | 0.015 | 0.008 | 0.009 | 0.062 | 0.265 | 0.0838 | 4 |
| 5 | 0.0628 | 0.0418 | 0.0448 | 0.880 | 0.048 | 0.091 | 0.009 | 0.002 | 0.011 | 0.052 | 0.254 | 0.0768 | 5 |
| 6 | 0.0628 | 0.0388 | 0.0508 | 0.879 | 0.049 | 0.061 | 0.016 | 0.001 | 0.008 | 0.074 | 0.138 | 0.0768 | 6 |
| 7 | 0.0618 | 0.0358 | 0.0908 | 0.774 | 0.051 | 0.066 | 0.016 | 0.004 | 0.013 | 0.056 | 0.117 | 0.0748 | 7 |
| 8 | 0.0618 | 0.033 | 0.0948 | 0.633 | 0.055 | 0.063 | 0.012 | 0.010 | 0.016 | 0.052 | 0.1068 | 0.0958 | 8 |
| 9 | 0.0608 | 0.031 | 0.0848 | 0.504 | 0.042 | 0.061 | 0.010 | 0.018 | 0.023 | 0.048 | 0.0848 | 1.29 | 9 |
| 10 | 0.0608 | 0.0308 | 0.0828 | 0.363 | 0.044 | 0.056 | 0.013 | 0.015 | 0.007 | 0.041 | 0.0688 | 1.21 | 10 |
| 11 | 0.0608 | 0.0288 | 0.0728 | 0.295 | 0.056 | 0.113 | 0.084 | 0.020 | 0.117 | 0.036 | 0.0648 | 0.898 | 11 |
| 12 | 0.0598 | 0.0278 | 0.0668 | 0.233 | 0.034 | 0.124 | 0.021 | 0.019 | 0.026 | 0.036 | 0.071 | 0.705 | 12 |
| 13 | 0.0588 | 0.0268 | 0.0628 | 0.180 | 0.033 | 0.089 | 0.027 | 0.017 | 0.026 | 0.037 | 0.073 | 0.563 | 13 |
| 14 | 0.0588 | 0.0258 | 0.0608 | 0.172 | 0.095 | 0.086 | 0.012 | 0.023 | 0.010 | 0.049 | 0.068 | 0.405 | 14 |
| 15 | 0.0588 | 0.0248 | 0.0658 | 0.182 | 0.046 | 0.065 | 0.015 | 0.037 | 0.014 | 0.026 | 0.065 | 0.2608 | 15 |
| 16 | 0.0578 | 0.0228 | 0.0728 | 0.169 | 0.036 | 0.037 | 0.023 | 0.021 | 0.006 | 0.033 | 0.064 | 0.2008 | 16 |
| 17 | 0.0578 | 0.021 | 0.0588 | 0.147 | 0.125 | 0.038 | 0.018 | 0.014 | 0.005 | 0.042 | 0.164 | 0.1708 | 17 |
| 18 | 0.0568 | 0.020 | 0.0688 | 0.102 | 0.089 | 0.051 | 0.019 | 0.018 | 0.002 | 0.053 | 0.127 | 0.1538 | 18 |
| 19 | 0.0558 | 0.030 | 0.1758 | 0.082 | 0.066 | 0.061 | 0.030 | 0.025 | 0.014 | 0.037 | 0.085 | 0.1428 | 19 |
| 20 | 0.0548 | 0.0358 | 0.4108 | 0.074 | 0.057 | 0.026 | 0.020 | 0.018 | 0.103 | 0.036 | 0.081 | 0.1338 | 20 |
| 21 | 0.0538 | 0.0388 | 0.6808 | 0.081 | 0.066 | 0.023 | 0.015 | 0.024 | 0.065 | 0.037 | 0.0508 | 0.1238 | 21 |
| 22 | 0.0528 | 0.0428 | 1.00 B | 0.060 | 0.203 | 0.015 | 0.014 | 0.032 | 0.026 | 0.039 | 0.0488 | 0.1148 | 22 |
| 23 | 0.0518 | 0.0468 | 1.23 B | 0.085 | 0.267 | 0.013 | 0.017 | 0.009 | 0.030 | 0.038 | 0.103 | 0.1078 | 23 |
| 24 | 0.0508 | 0.0428 | 1.62 B | 0.085 | 0.186 | 0.007 | 0.106 | 0.014 | 0.018 | 0.122 | 0.277 | 0.1008 | 24 |
| 25 | 0.0488 | 0.0448 | 1.48 | 0.071 | 0.113 | 0.013 | 0.031 | 0.012 | 0.023 | 0.089 | 0.108 | 0.0928 | 25 |
| 26 | 0.0478 | 0.0388 | 1.75 | 0.070 | 0.125 | 0.020 | 0.018 | 0.010 | 0.019 | 0.077 | 0.0708 | 0.0878 | 26 |
| 27 | 0.0468 | 0.0448 | 1.66 | 0.231 | 0.354 | 0.016 | 0.016 | 0.011 | 0.020 | 0.330 | 0.0528 | 0.0808 | 27 |
| 28 | 0.0448 | 0.0548 | 1.41 | 0.270 | 0.706 | 0.021 | 0.018 | 0.010 | 0.020 | 0.188 | 0.0518 | 0.0768 | 28 |
| 29 | 0.0438 | | 1.41 | 0.197 | 0.140 | 0.021 | 0.016 | 0.014 | 0.061 | 0.139 | 0.080 | 0.0718 | 29 |
| 30 | 0.0428 | | 1.73 | 0.126 | 0.084 | 0.017 | 0.015 | 0.034 | 0.071 | 0.133 | 0.233 | 0.0678 | 30 |
| 31 | 0.0418 | | 1.18 | | 0.122 | | 0.015 | 0.019 | | 0.098 | | 0.0648 | 31 |
| TOTAL | 1.704 | 0.992 | 16.721 | 10.020 | 3.183 | 1.978 | 0.894 | 0.503 | 0.827 | 2.472 | 3.284 | 7.895 | TOTAL |
| MEAN | 0.055 | 0.036 | 0.539 | 0.334 | 0.103 | 0.066 | 0.022 | 0.016 | 0.028 | 0.080 | 0.106 | 0.248 | MEAN |
| MAX | 0.062 | 0.054 | 1.75 | 1.11 | 0.384 | 0.378 | 0.106 | 0.037 | 0.117 | 0.330 | 0.265 | 1.29 | MAX |
| MIN | 0.041 | 0.020 | 0.042 | 0.060 | 0.033 | 0.007 | 0.008 | 0.001 | 0.002 | 0.028 | 0.048 | 0.064 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.137
MAXIMUM DAILY, 1.75 ON MAR 26
MINIMUM DAILY, 0.001 ON AUG 6
MAXIMUM INSTANTANEOUS,
2.79 AT 01:30 EST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 51 N
LONG 81 00 25 W
DRAINAGE AREA, 21.5 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 147 | JUL | 80.0 |
| FEB | 88.7 | AUG | 43.5 |
| MAR | 1 440 | SEP | 71.5 |
| APR | 886 | OCT | 214 |
| MAY | 275 | NOV | 282 |
| JUN | 171 | DEC | 665 |

TOTAL DISCHARGE, 4 320 dam³

## NORBERG CREEK (SITE A) ABOVE BATCHAWANA RIVER - STATION NO. 02BF005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.126 | 0.1139 | 0.0698 | 0.535 | 0.248 | 0.238 | 0.039 | 0.005 | 0.212 | 0.197 | 0.384 | 0.392 | 1 |
| 2 | 0.118 | 0.1188 | 0.0718 | 0.508 | 0.219 | 0.287 | 0.032 | 0.022 | 0.176 | 0.405 | 0.346 | 0.348 | 2 |
| 3 | 0.1158 | 0.1218 | 0.0738 | 0.499 | 0.207 | 0.224 | 0.038 | 0.020 | 0.161 | 0.319 | 0.347 | 0.346 | 3 |
| 4 | 0.1128 | 0.1188 | 0.0748 | 0.453 | 0.191 | 0.208 | 0.034 | 0.022 | 0.142 | 0.241 | 0.410 | 0.338 | 4 |
| 5 | 0.110 | 0.1158 | 0.0698 | 0.421 | 0.170 | 0.188 | 0.034 | 0.016 | 0.255 | 0.208 | 0.405 | 0.295 | 5 |
| 6 | 0.109 | 0.1128 | 0.0688 | 0.454 | 0.152 | 0.179 | 0.027 | 0.014 | 0.310 | 0.220 | 0.389 | 0.298 | 6 |
| 7 | 0.107 | 0.1068 | 0.0678 | 0.488 | 0.154 | 0.159 | 0.027 | 0.012 | 0.263 | 0.230 | 0.378 | 0.248 | 7 |
| 8 | 0.107 | 0.1028 | 0.0668 | 0.509 | 0.141 | 0.149 | 0.027 | 0.008 | 0.235 | 0.219 | 0.348 | 0.245 | 8 |
| 9 | 0.1068 | 0.0998 | 0.0658 | 0.593 | 0.134 | 0.137 | 0.025 | 0.006 | 0.217 | 0.271 | 0.334 | 0.355 | 9 |
| 10 | 0.105 | 0.0948 | 0.0638 | 0.550 | 0.121 | 0.125 | 0.036 | 0.005 | 0.198 | 0.287 | 0.328 | 0.516 | 10 |
| 11 | 0.106 | 0.0948 | 0.0608 | 0.778 | 0.114 | 0.147 | 0.042 | 0.002 | 0.188 | 0.268 | 0.309 | 0.482 | 11 |
| 12 | 0.106 | 0.0948 | 0.0618 | 0.817 | 0.117 | 0.183 | 0.087 | 0 | 0.191 | 0.254 | 0.294 | 0.494 | 12 |
| 13 | 0.103 | 0.0938 | 0.0628 | 0.977 | 0.109 | 0.156 | 0.071 | 0 | 0.188 | 0.239 | 0.295 | 0.497 | 13 |
| 14 | 0.098 | 0.0918 | 0.0638 | 0.891 | 0.111 | 0.145 | 0.084 | 0.001 | 0.179 | 0.232 | 0.308 | 0.492 | 14 |
| 15 | 0.094 | 0.0868 | 0.0658 | 1.00 | 0.112 | 0.128 | 0.055 | 0.012 | 0.184 | 0.226 | 0.273 | 0.477 | 15 |
| 16 | 0.095 | 0.0868 | 0.0678 | 0.889 | 0.131 | 0.114 | 0.045 | 0.021 | 0.182 | 0.286 | 0.257 | 0.458 | 16 |
| 17 | 0.0978 | 0.0828 | 0.0688 | 0.798 | 0.217 | 0.089 | 0.040 | 0.116 | 0.155 | 0.539 | 0.631 | 0.427 | 17 |
| 18 | 0.0988 | 0.0788 | 0.0678 | 0.710 | 0.265 | 0.072 | 0.038 | 0.086 | 0.140 | 0.809 | 0.674 | 0.407 | 18 |
| 19 | 0.1008 | 0.0768 | 0.0648 | 0.632 | 0.225 | 0.071 | 0.055 | 0.080 | 0.144 | 0.537 | 0.594 | 0.405 | 19 |
| 20 | 0.1018 | 0.0768 | 0.0708 | 0.556 | 0.207 | 0.086 | 0.056 | 0.074 | 0.177 | 0.529 | 0.604 | 0.397 | 20 |
| 21 | 0.1088 | 0.0738 | 0.0888 | 0.559 | 0.185 | 0.058 | 0.049 | 0.101 | 0.192 | 0.475 | 0.569 | 0.462 | 21 |
| 22 | 0.1198 | 0.0728 | 0.1108 | 0.519 | 0.334 | 0.051 | 0.044 | 0.405 | 0.172 | 0.403 | 0.524 | 0.432 | 22 |
| 23 | 0.1228 | 0.0728 | 0.1408 | 0.485 | 0.310 | 0.048 | 0.038 | 0.189 | 0.164 | 0.393 | 0.458 | 0.387 | 23 |
| 24 | 0.1188 | 0.0728 | 0.1808 | 0.456 | 0.282 | 0.041 | 0.037 | 0.156 | 0.155 | 0.383 | 0.500 | 0.371 | 24 |
| 25 | 0.1178 | 0.0748 | 0.3008 | 0.413 | 0.269 | 0.084 | 0.029 | 0.141 | 0.137 | 0.368 | 0.437 | 0.333 | 25 |
| 26 | 0.1108 | 0.0868 | 0.418 | 0.384 | 0.305 | 0.064 | 0.027 | 0.134 | 0.126 | 0.364 | 0.384 | 0.2868 | 26 |
| 27 | 0.1088 | 0.0838 | 0.428 | 0.383 | 0.319 | 0.059 | 0.022 | 0.121 | 0.126 | 0.406 | 0.370 | 0.255 | 27 |
| 28 | 0.1078 | 0.0848 | 0.485 | 0.370 | 0.319 | 0.053 | 0.017 | 0.112 | 0.127 | 0.412 | 0.340 | 0.2408 | 28 |
| 29 | 0.1058 | | 0.544 | 0.331 | 0.270 | 0.050 | 0.013 | 0.105 | 0.132 | 0.388 | 0.340 | 0.233 | 29 |
| 30 | 0.1048 | | 0.594 | 0.278 | 0.258 | 0.048 | 0.008 | 0.221 | 0.117 | 0.405 | 0.409 | 0.233 | 30 |
| 31 | 0.1078 | | 0.580 | | 0.244 | | 0.006 | 0.238 | | 0.391 | | 0.223 | 31 |
| TOTAL | 3.338 | 2.513 | 5.197 | 17.515 | 6.480 | 3.557 | 1.143 | 2.427 | 5.315 | 10.710 | 12.277 | 11.384 | TOTAL |
| MEAN | 0.108 | 0.090 | 0.168 | 0.584 | 0.209 | 0.119 | 0.037 | 0.078 | 0.177 | 0.345 | 0.409 | 0.367 | MEAN |
| MAX | 0.126 | 0.121 | 0.594 | 1.00 | 0.334 | 0.287 | 0.071 | 0.405 | 0.310 | 0.809 | 0.674 | 0.516 | MAX |
| MIN | 0.094 | 0.083 | 0.060 | 0.278 | 0.109 | 0.041 | 0.006 | 0 | 0.117 | 0.197 | 0.257 | 0.223 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.224
MAXIMUM DAILY, 1.00 ON APR 15
MINIMUM DAILY, 0 ON AUG 12
MAXIMUM INSTANTANEOUS,
1.07 AT 20 19 EST ON APR 14

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 04 08 N
LONG 84 26 07 W
DRAINAGE AREA, 11.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 286 | JUL | 98.8 |
| FEB | 217 | AUG | 210 |
| MAR | 448 | SEP | 459 |
| APR | 1 510 | OCT | 925 |
| MAY | 550 | NOV | 1 060 |
| JUN | 307 | DEC | 984 |

TOTAL DISCHARGE, 7 070 dam³

## NORBERG CREEK (SITE B) AT OUTLET OF TURKEY LAKE - STATION NO. 02BF006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.082 | 0.084 | 0.050 | 0.397 | 0.205 | 0.190 | 0.025 | 0.002 | 0.123 | 0.070 | 0.256 | 0.267 | 1 |
| 2 | 0.089 | 0.081 | 0.054 | 0.381 | 0.185 | 0.187 | 0.022 | 0.007 | 0.114 | 0.131 | 0.242 | 0.260 | 2 |
| 3 | 0.082 | 0.082 | 0.057 | 0.353 | 0.178 | 0.188 | 0.024 | 0.008 | 0.104 | 0.151 | 0.246 | 0.250 | 3 |
| 4 | 0.079 | 0.086 | 0.056 | 0.333 | 0.165 | 0.170 | 0.023 | 0.011 | 0.097 | 0.167 | 0.266 | 0.239 | 4 |
| 5 | 0.083 | 0.082 | 0.053 | 0.287 | 0.154 | 0.159 | 0.021 | 0.007 | 0.110 | 0.180 | 0.285 | 0.230 | 5 |
| 6 | 0.074 | 0.083 | 0.053 | 0.279 | 0.141 | 0.146 | 0.018 | 0.006 | 0.135 | 0.192 | 0.278 | 0.218 | 6 |
| 7 | 0.080 | 0.080 | 0.052 | 0.279 | 0.133 | 0.136 | 0.018 | 0.063 | 0.136 | 0.185 | 0.267 | 0.200 | 7 |
| 8 | 0.080 | 0.082 | 0.052 | 0.293 | 0.126 | 0.132 | 0.015 | 0.001 | 0.130 | 0.180 | 0.259 | 0.203 | 8 |
| 9 | 0.079 | 0.077 | 0.055 | 0.330 | 0.116 | 0.118 | 0.014 | 0.001 | 0.128 | 0.193 | 0.251 | 0.217 | 9 |
| 10 | 0.079 | 0.072 | 0.050 | 0.389 | 0.110 | 0.100 | 0.021 | 0.001 | 0.121 | 0.192 | 0.244 | 0.262 | 10 |
| 11 | 0.080 | 0.070 | 0.050 | 0.510 | 0.106 | 0.104 | 0.026 | 0 | 0.115 | 0.188 | 0.231 | 0.297 | 11 |
| 12 | 0.076 | 0.070 | 0.050 | 0.657 | 0.103 | 0.114 | 0.041 | 0 | 0.109 | 0.178 | 0.219 | 0.339 | 12 |
| 13 | 0.072 | 0.068 | 0.048 | 0.744 | 0.098 | 0.114 | 0.061 | 0 | 0.110 | 0.188 | 0.210 | 0.365 | 13 |
| 14 | 0.072 | 0.066 | 0.048 | 0.782 | 0.094 | 0.107 | 0.043 | 0.001 | 0.104 | 0.168 | 0.212 | 0.363 | 14 |
| 15 | 0.071 | 0.066 | 0.048 | 0.800 | 0.088 | 0.100 | 0.037 | 0.004 | 0.082 | 0.153 | 0.202 | 0.362 | 15 |
| 16 | 0.068 | 0.062 | 0.047 | 0.788 | 0.100 | 0.081 | 0.030 | 0.008 | 0.089 | 0.185 | 0.198 | 0.344 | 16 |
| 17 | 0.072 | 0.058 | 0.047 | 0.880 | 0.126 | 0.080 | 0.026 | 0.049 | 0.081 | 0.226 | 0.278 | 0.318 | 17 |
| 18 | 0.076 | 0.055 | 0.048 | 0.827 | 0.181 | 0.073 | 0.027 | 0.054 | 0.074 | 0.286 | 0.263 | 0.303 | 18 |
| 19 | 0.076 | 0.053 | 0.048 | 0.541 | 0.184 | 0.068 | 0.038 | 0.061 | 0.072 | 0.306 | 0.420 | 0.288 | 19 |
| 20 | 0.079 | 0.051 | 0.043 | 0.468 | 0.164 | 0.058 | 0.042 | 0.057 | 0.079 | 0.325 | 0.447 | 0.288 | 20 |
| 21 | 0.090 | 0.050 | 0.043 | 0.452 | 0.165 | 0.051 | 0.037 | 0.058 | 0.084 | 0.328 | 0.439 | 0.335 | 21 |
| 22 | 0.089 | 0.050 | 0.046 | 0.403 | 0.210 | 0.044 | 0.032 | 0.134 | 0.083 | 0.325 | 0.412 | 0.309 | 22 |
| 23 | 0.088 | 0.054 | 0.049 | 0.381 | 0.219 | 0.039 | 0.028 | 0.135 | 0.077 | 0.310 | 0.386 | 0.290 | 23 |
| 24 | 0.094 | 0.050 | 0.044 | 0.345 | 0.217 | 0.038 | 0.026 | 0.128 | 0.070 | 0.294 | 0.368 | 0.268 | 24 |
| 25 | 0.081 | 0.045 | 0.048 | 0.313 | 0.223 | 0.044 | 0.023 | 0.117 | 0.065 | 0.281 | 0.330 | 0.250 | 25 |
| 26 | 0.085 | 0.045 | 0.126 | 0.278 | 0.225 | 0.058 | 0.018 | 0.105 | 0.057 | 0.261 | 0.289 | 0.227 | 26 |
| 27 | 0.083 | 0.046 | 0.182 | 0.276 | 0.239 | 0.050 | 0.012 | 0.096 | 0.050 | 0.278 | 0.272 | 0.217 | 27 |
| 28 | 0.083 | 0.045 | 0.246 | 0.262 | 0.234 | 0.041 | 0.008 | 0.086 | 0.052 | 0.287 | 0.254 | 0.209 | 28 |
| 29 | 0.079 | | 0.339 | 0.243 | 0.224 | 0.037 | 0.007 | 0.075 | 0.052 | 0.277 | 0.255 | 0.195 | 29 |
| 30 | 0.076 | | 0.400 | 0.225 | 0.218 | 0.034 | 0.006 | 0.102 | 0.046 | 0.281 | 0.285 | 0.184 | 30 |
| 31 | 0.078 | | 0.414 | | 0.205 | | 0.003 | 0.124 | | 0.263 | | 0.181 | 31 |
| TOTAL | 2.517 | 1.816 | 3.006 | 13.076 | 5.107 | 2.876 | 0.761 | 1.440 | 2.759 | 7.001 | 8.660 | 8.300 | TOTAL |
| MEAN | 0.081 | 0.065 | 0.097 | 0.436 | 0.165 | 0.096 | 0.025 | 0.046 | 0.092 | 0.226 | 0.289 | 0.268 | MEAN |
| MAX | 0.099 | 0.086 | 0.414 | 0.800 | 0.239 | 0.197 | 0.051 | 0.135 | 0.136 | 0.339 | 0.447 | 0.363 | MAX |
| MIN | 0.069 | 0.045 | 0.043 | 0.225 | 0.088 | 0.034 | 0.003 | 0 | 0.046 | 0.070 | 0.196 | 0.184 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.157
MAXIMUM DAILY, 0.800 ON APR 15
MINIMUM DAILY, 0 ON AUG 11
MAXIMUM INSTANTANEOUS,
0.816 AT 08 01 EST ON APR 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 04 N
LONG 84 24 48 W
DRAINAGE AREA 8.64 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 217 | JUL | 65.8 |
| FEB | 157 | AUG | 124 |
| MAR | 260 | SEP | 238 |
| APR | 1 130 | OCT | 605 |
| MAY | 441 | NOV | 746 |
| JUN | 248 | DEC | 717 |

TOTAL DISCHARGE, 4 950 dam³

## NORBERG CREEK (SITE C) AT OUTLET OF LITTLE TURKEY LAKE - STATION NO 02BF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.054 | 0.0458 | 0.0338 | 0.280 | 0.111 | 0.094 | 0.011 | 0.002 | 0.078 | 0.084 | 0.134 | 0.153 | 1 |
| 2 | 0.051 | 0.0458 | 0.0408 | 0.247 | 0.103 | 0.095 | 0.009 | 0.005 | 0.085 | 0.124 | 0.129 | 0.143 | 2 |
| 3 | 0.047 | 0.0448 | 0.0388 | 0.217 | 0.090 | 0.095 | 0.011 | 0.005 | 0.082 | 0.137 | 0.125 | 0.140 | 3 |
| 4 | 0.049 | 0.0458 | 0.0358 | 0.191 | 0.084 | 0.087 | 0.012 | 0.005 | 0.081 | 0.148 | 0.140 | 0.132 | 4 |
| 5 | 0.049 | 0.0428 | 0.0338 | 0.172 | 0.077 | 0.075 | 0.010 | 0.004 | 0.089 | 0.152 | 0.159 | 0.124 | 5 |
| 6 | 0.040 | 0.0408 | 0.0328 | 0.163 | 0.074 | 0.085 | 0.009 | 0.003 | 0.081 | 0.151 | 0.150 | 0.115 | 6 |
| 7 | 0.048 | 0.0388 | 0.0328 | 0.174 | 0.068 | 0.089 | 0.009 | 0.002 | 0.077 | 0.148 | 0.158 | 0.107 | 7 |
| 8 | 0.048 | 0.0368 | 0.0318 | 0.203 | 0.063 | 0.075 | 0.008 | 0.002 | 0.078 | 0.131 | 0.155 | 0.103 | 8 |
| 9 | 0.048 | 0.0358 | 0.0338 | 0.246 | 0.058 | 0.065 | 0.009 | 0.002 | 0.069 | 0.123 | 0.148 | 0.117 | 9 |
| 10 | 0.046 | 0.0349 | 0.0309 | 0.323 | 0.063 | 0.060 | 0.015 | 0.001 | 0.068 | 0.121 | 0.137 | 0.155 | 10 |
| 11 | 0.045 | 0.0338 | 0.0298 | 0.438 | 0.057 | 0.069 | 0.016 | 0.001 | 0.062 | 0.113 | 0.129 | 0.190 | 11 |
| 12 | 0.0408 | 0.0318 | 0.034 | 0.568 | 0.055 | 0.076 | 0.029 | 0.001 | 0.059 | 0.103 | 0.118 | 0.229 | 12 |
| 13 | 0.0398 | 0.0308 | 0.038 | 0.591 | 0.047 | 0.075 | 0.035 | 0.001 | 0.057 | 0.103 | 0.115 | 0.235 | 13 |
| 14 | 0.0388 | 0.0298 | 0.035 | 0.557 | 0.047 | 0.066 | 0.022 | 0.001 | 0.054 | 0.095 | 0.108 | 0.233 | 14 |
| 15 | 0.0388 | 0.0278 | 0.032 | 0.543 | 0.050 | 0.063 | 0.015 | 0.004 | 0.052 | 0.092 | 0.108 | 0.218 | 15 |
| 16 | 0.036 | 0.0268 | 0.032 | 0.505 | 0.061 | 0.060 | 0.009 | 0.006 | 0.041 | 0.100 | 0.100 | 0.202 | 16 |
| 17 | 0.036 | 0.0258 | 0.029 | 0.452 | 0.094 | 0.060 | 0.008 | 0.060 | 0.035 | 0.141 | 0.151 | 0.184 | 17 |
| 18 | 0.0418 | 0.0238 | 0.028 | 0.384 | 0.102 | 0.038 | 0.010 | 0.054 | 0.035 | 0.198 | 0.285 | 0.174 | 18 |
| 19 | 0.0448 | 0.0238 | 0.033 | 0.329 | 0.096 | 0.037 | 0.022 | 0.048 | 0.041 | 0.245 | 0.284 | 0.170 | 19 |
| 20 | 0.0458 | 0.0238 | 0.031 | 0.281 | 0.088 | 0.028 | 0.022 | 0.038 | 0.055 | 0.249 | 0.337 | 0.169 | 20 |
| 21 | 0.0488 | 0.0238 | 0.036 | 0.262 | 0.100 | 0.025 | 0.017 | 0.036 | 0.056 | 0.237 | 0.280 | 0.178 | 21 |
| 22 | 0.0558 | 0.0248 | 0.047 | 0.237 | 0.142 | 0.020 | 0.011 | 0.103 | 0.051 | 0.212 | 0.237 | 0.172 | 22 |
| 23 | 0.0658 | 0.0258 | 0.055 | 0.221 | 0.151 | 0.016 | 0.011 | 0.099 | 0.041 | 0.188 | 0.210 | 0.161 | 23 |
| 24 | 0.0528 | 0.0218 | 0.074 | 0.200 | 0.158 | 0.015 | 0.010 | 0.087 | 0.038 | 0.171 | 0.202 | 0.143 | 24 |
| 25 | 0.0518 | 0.0188 | 0.114 | 0.183 | 0.154 | 0.035 | 0.009 | 0.077 | 0.040 | 0.153 | 0.182 | 0.135 | 25 |
| 26 | 0.045 | 0.0188 | 0.169 | 0.164 | 0.158 | 0.041 | 0.008 | 0.064 | 0.036 | 0.138 | 0.163 | 0.123 | 26 |
| 27 | 0.044 | 0.0218 | 0.250 | 0.160 | 0.157 | 0.029 | 0.005 | 0.050 | 0.036 | 0.143 | 0.153 | 0.106 | 27 |
| 28 | 0.042 | 0.0248 | 0.325 | 0.148 | 0.148 | 0.018 | 0.004 | 0.040 | 0.042 | 0.150 | 0.143 | 0.095 | 28 |
| 29 | 0.043 | | 0.365 | 0.135 | 0.131 | 0.012 | 0.004 | 0.037 | 0.043 | 0.145 | 0.142 | 0.088 | 29 |
| 30 | 0.046 | | 0.353 | 0.120 | 0.120 | 0.012 | 0.004 | 0.071 | 0.039 | 0.150 | 0.155 | 0.081 | 30 |
| 31 | 0.0438 | | 0.323 | | 0.106 | | 0.003 | 0.083 | | 0.144 | | 0.088 | 31 |
| TOTAL | 1.409 | 0.848 | 2.779 | 8.694 | 3.020 | 1.535 | 0.378 | 0.990 | 1.624 | 4.581 | 5.107 | 4.885 | TOTAL |
| MEAN | 0.045 | 0.030 | 0.090 | 0.290 | 0.097 | 0.051 | 0.012 | 0.032 | 0.054 | 0.147 | 0.170 | 0.151 | MEAN |
| MAX | 0.065 | 0.045 | 0.365 | 0.591 | 0.158 | 0.095 | 0.035 | 0.103 | 0.081 | 0.249 | 0.364 | 0.235 | MAX |
| MIN | 0.036 | 0.018 | 0.028 | 0.120 | 0.047 | 0.012 | 0.003 | 0.001 | 0.035 | 0.084 | 0.100 | 0.081 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 0.591 ON APR 13
MINIMUM DAILY, 0.001 ON AUG 10
MAXIMUM INSTANTANEOUS,
0.606 AT 04 24 EST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 41 N
LONG 84 24 44 W
DRAINAGE AREA, 5.40 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 122 | JUL | 32.7 |
| FEB | 73.3 | AUG | 85.5 |
| MAR | 240 | SEP | 140 |
| APR | 751 | OCT | 394 |
| MAY | 261 | NOV | 441 |
| JUN | 133 | DEC | 403 |

TOTAL DISCHARGE, 3 080 dam³

## NORBERG CREEK (SITE D) BELOW WISHART LAKE - STATION NO 02BF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.028 | 0.026 | 0.016 | 0.142 | 0.059 | 0.057 | 0.006 | 0.002 | 0.085 | 0.028 | 0.078 | 0.075 | 1 |
| 2 | 0.026 | 0.025 | 0.018 | 0.121 | 0.058 | 0.058 | 0.006 | 0.003 | 0.051 | 0.076 | 0.089 | 0.074 | 2 |
| 3 | 0.029 | 0.025 | 0.016 | 0.108 | 0.054 | 0.049 | 0.006 | 0.004 | 0.044 | 0.112 | 0.087 | 0.074 | 3 |
| 4 | 0.027 | 0.026 | 0.017 | 0.094 | 0.050 | 0.044 | 0.005 | 0.003 | 0.039 | 0.108 | 0.076 | 0.074 | 4 |
| 5 | 0.025 | 0.025 | 0.016 | 0.081 | 0.047 | 0.043 | 0.005 | 0.002 | 0.043 | 0.099 | 0.094 | 0.070 | 5 |
| 6 | 0.022 | 0.0238 | 0.017 | 0.087 | 0.040 | 0.040 | 0.005 | 0.002 | 0.059 | 0.086 | 0.097 | 0.064 | 6 |
| 7 | 0.021 | 0.0218 | 0.017 | 0.121 | 0.039 | 0.038 | 0.004 | 0.001 | 0.063 | 0.080 | 0.090 | 0.061 | 7 |
| 8 | 0.026 | 0.0198 | 0.0178 | 0.166 | 0.036 | 0.035 | 0.004 | 0.001 | 0.059 | 0.071 | 0.084 | 0.060 | 8 |
| 9 | 0.027 | 0.0178 | 0.0168 | 0.204 | 0.039 | 0.032 | 0.004 | 0.001 | 0.053 | 0.064 | 0.077 | 0.061 | 9 |
| 10 | 0.026 | 0.0178 | 0.0168 | 0.268 | 0.036 | 0.029 | 0.004 | 0.001 | 0.049 | 0.054 | 0.074 | 0.105 | 10 |
| 11 | 0.025 | 0.0178 | 0.0158 | 0.372 | 0.034 | 0.028 | 0.004 | 0.001 | 0.041 | 0.050 | 0.070 | 0.157 | 11 |
| 12 | 0.0208 | 0.0178 | 0.0178 | 0.403 | 0.034 | 0.031 | 0.008 | 0 | 0.040 | 0.055 | 0.087 | 0.174 | 12 |
| 13 | 0.0208 | 0.0168 | 0.0198 | 0.342 | 0.034 | 0.026 | 0.008 | 0 | 0.036 | 0.051 | 0.087 | 0.150 | 13 |
| 14 | 0.0208 | 0.0168 | 0.0198 | 0.246 | 0.031 | 0.027 | 0.008 | 0.001 | 0.034 | 0.043 | 0.082 | 0.130 | 14 |
| 15 | 0.0208 | 0.0158 | 0.0198 | 0.304 | 0.031 | 0.025 | 0.008 | 0.002 | 0.032 | 0.044 | 0.089 | 0.115 | 15 |
| 16 | 0.0208 | 0.0188 | 0.0208 | 0.268 | 0.031 | 0.021 | 0.006 | 0.003 | 0.030 | 0.048 | 0.058 | 0.108 | 16 |
| 17 | 0.0198 | 0.0208 | 0.020 | 0.222 | 0.027 | 0.022 | 0.005 | 0.018 | 0.027 | 0.083 | 0.151 | 0.097 | 17 |
| 18 | 0.0218 | 0.0228 | 0.018 | 0.183 | 0.052 | 0.021 | 0.005 | 0.016 | 0.021 | 0.201 | 0.348 | 0.088 | 18 |
| 19 | 0.0238 | 0.0198 | 0.022 | 0.164 | 0.063 | 0.019 | 0.008 | 0.017 | 0.023 | 0.200 | 0.258 | 0.086 | 19 |
| 20 | 0.0238 | 0.0178 | 0.018 | 0.134 | 0.067 | 0.018 | 0.008 | 0.014 | 0.025 | 0.187 | 0.192 | 0.085 | 20 |
| 21 | 0.0248 | 0.0188 | 0.022 | 0.122 | 0.067 | 0.016 | 0.007 | 0.018 | 0.025 | 0.125 | 0.141 | 0.090 | 21 |
| 22 | 0.0268 | 0.0148 | 0.030 | 0.117 | 0.063 | 0.014 | 0.008 | 0.067 | 0.023 | 0.107 | 0.119 | 0.085 | 22 |
| 23 | 0.0298 | 0.0128 | 0.040 | 0.108 | 0.101 | 0.012 | 0.005 | 0.078 | 0.024 | 0.093 | 0.107 | 0.077 | 23 |
| 24 | 0.0298 | 0.0148 | 0.065 | 0.100 | 0.104 | 0.013 | 0.005 | 0.060 | 0.021 | 0.078 | 0.102 | 0.072 | 24 |
| 25 | 0.0288 | 0.0168 | 0.129 | 0.088 | 0.099 | 0.014 | 0.005 | 0.048 | 0.019 | 0.070 | 0.094 | 0.068 | 25 |
| 26 | 0.0278 | 0.013 | 0.228 | 0.077 | 0.087 | 0.013 | 0.005 | 0.038 | 0.016 | 0.065 | 0.085 | 0.063 | 26 |
| 27 | 0.0248 | 0.011 | 0.300 | 0.074 | 0.091 | 0.013 | 0.005 | 0.029 | 0.017 | 0.068 | 0.078 | 0.055 | 27 |
| 28 | 0.0248 | 0.012 | 0.365 | 0.072 | 0.084 | 0.012 | 0.004 | 0.024 | 0.017 | 0.077 | 0.068 | 0.054 | 28 |
| 29 | 0.022 | | 0.231 | 0.068 | 0.071 | 0.010 | 0.003 | 0.021 | 0.020 | 0.062 | 0.068 | 0.050 | 29 |
| 30 | 0.024 | | 0.212 | 0.063 | 0.068 | 0.008 | 0.003 | 0.035 | 0.020 | 0.062 | 0.078 | 0.051 | 30 |
| 31 | 0.024 | | 0.170 | | 0.061 | | 0.002 | 0.060 | | 0.078 | | 0.049 | 31 |
| TOTAL | 0.749 | 0.508 | 2.046 | 4.969 | 1.798 | 0.788 | 0.170 | 0.558 | 1.035 | 2.884 | 3.073 | 2.525 | TOTAL |
| MEAN | 0.024 | 0.018 | 0.066 | 0.166 | 0.058 | 0.026 | 0.005 | 0.018 | 0.034 | 0.093 | 0.102 | 0.085 | MEAN |
| MAX | 0.029 | 0.026 | 0.300 | 0.403 | 0.104 | 0.058 | 0.008 | 0.078 | 0.063 | 0.201 | 0.348 | 0.174 | MAX |
| MIN | 0.019 | 0.011 | 0.016 | 0.063 | 0.031 | 0.008 | 0.002 | 0 | 0.016 | 0.028 | 0.058 | 0.049 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.057
MAXIMUM DAILY, 0.403 ON APR 12
MINIMUM DAILY, 0 ON AUG 12
MAXIMUM INSTANTANEOUS,
0.416 AT 05 00 EST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 48 N
LONG 84 24 14 W
DRAINAGE AREA, 4.08 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 54.7 | JUL | 14.7 |
| FEB | 43.8 | AUG | 46.0 |
| MAR | 177 | SEP | 88.8 |
| APR | 429 | OCT | 229 |
| MAY | 155 | NOV | 265 |
| JUN | 88.1 | DEC | 227 |

TOTAL DISCHARGE, 1 810 dam³

## NORBERG CREEK (SITE E) BELOW BATCHAWANA LAKE - STATION NO 02BF009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.016 | 0.012 | 0.0108 | 0.070 | 0.027 | 0.022 | 0.002E | 0 E | 0.081 | 0.053 | 0.050 | 0.053 | 1 |
| 2 | 0.016 | 0.013 | 0.010 | 0.057 | 0.023 | 0.028 | 0.002E | 0.001E | 0.041 | 0.228 | 0.043 | 0.047 | 2 |
| 3 | 0.016 | 0.013 | 0.010 | 0.052 | 0.021 | 0.025 | 0.001E | 0.001E | 0.027 | 0.129 | 0.045 | 0.042 | 3 |
| 4 | 0.016A | 0.011 | 0.010 | 0.053 | 0.020 | 0.019 | 0.002E | 0.002A | 0.021 | 0.076 | 0.086 | 0.034 | 4 |
| 5 | 0.018A | 0.011 | 0.010 | 0.047 | 0.018 | 0.018 | 0.002E | 0.001E | 0.087 | 0.081 | 0.093 | 0.030 | 5 |
| 6 | 0.017E | 0.011 | 0.010 | 0.086 | 0.017 | 0.015 | 0.001E | 0.001E | 0.109 | 0.053 | 0.071 | 0.024 | 6 |
| 7 | 0.017E | 0.012 | 0.0108 | 0.139 | 0.017 | 0.012 | 0 A | 0.001E | 0.073 | 0.067 | 0.058 | 0.021 | 7 |
| 8 | 0.017E | 0.010 | 0.0118 | 0.147 | 0.018 | 0.011 | 0 E | 0 E | 0.050 | 0.060 | 0.049 | 0.022 | 8 |
| 9 | 0.017E | 0.014 | 0.0118 | 0.175 | 0.014 | 0.010A | 0.001E | 0 E | 0.035 | 0.049 | 0.043 | 0.057 | 9 |
| 10 | 0.017E | 0.011 | 0.0118 | 0.251 | 0.009 | 0.009E | 0.002E | 0 E | 0.026 | 0.055 | 0.037 | 0.203 | 10 |
| 11 | 0.017E | 0.011 | 0.0118 | 0.315 | 0.011 | 0.009E | 0.004E | 0 E | 0.021 | 0.044 | 0.032 | 0.141 | 11 |
| 12 | 0.017A | 0.011 | 0.0118 | 0.270 | 0.011 | 0.011E | 0.007E | 0 A | 0.021 | 0.038 | 0.030 | 0.094 | 12 |
| 13 | 0.017 | 0.011 | 0.0108 | 0.204 | 0.010 | 0.012E | 0.014A | 0 E | 0.023 | 0.030 | 0.037 | 0.070 | 13 |
| 14 | 0.018 | 0.0118 | 0.0108 | 0.193 | 0.012 | 0.012E | 0.008E | 0 E | 0.019 | 0.027 | 0.048 | 0.061 | 14 |
| 15 | 0.017 | 0.0118 | 0.0108 | 0.222 | 0.010 | 0.012A | 0.006E | 0 E | 0.016 | 0.025 | 0.041 | 0.050 | 15 |
| 16 | 0.022 | 0.0118 | 0.0098 | 0.188 | 0.014 | 0.009E | 0.004E | 0.001E | 0.012 | 0.044 | 0.042 | 0.060 | 16 |
| 17 | 0.019 | 0.0118 | 0.0098 | 0.133 | 0.063 | 0.007E | 0.003E | 0.001E | 0.010 | 0.223 | 0.384 | 0.0548 | 17 |
| 18 | 0.015 | 0.0118 | 0.013 | 0.102 | 0.110 | 0.005E | 0.002E | 0.022A | 0.008 | 0.239 | 0.277 | 0.0488 | 18 |
| 19 | 0.0198 | 0.0108 | 0.017 | 0.088 | 0.080 | 0.004E | 0.003E | 0.020E | 0.006 | 0.109 | 0.128 | 0.0428 | 19 |
| 20 | 0.0208 | 0.0108 | 0.023 | 0.070 | 0.070 | 0.003E | 0.004E | 0.021E | 0.015 | 0.071 | 0.088 | 0.038 | 20 |
| 21 | 0.0228 | 0.0108 | 0.034 | 0.063 | 0.056 | 0.002E | 0.005A | 0.019E | 0.020 | 0.057 | 0.080 | 0.040 | 21 |
| 22 | 0.0228 | 0.0108 | 0.051 | 0.071 | 0.115 | 0.002A | 0.003E | 0.018E | 0.018 | 0.048 | 0.070 | 0.045 | 22 |
| 23 | 0.0228 | 0.0108 | 0.082 | 0.088 | 0.089 | 0.001E | 0.002E | 0.130E | 0.017 | 0.038 | 0.060 | 0.040 | 23 |
| 24 | 0.0228 | 0.0108 | 0.155 | 0.056 | 0.089 | 0.001E | 0.002E | 0.070E | 0.014 | 0.033 | 0.057 | 0.036 | 24 |
| 25 | 0.0218 | 0.0108 | 0.234 | 0.047 | 0.056 | 0.002E | 0.001E | 0.028A | 0.013 | 0.030 | 0.049 | 0.032 | 25 |
| 26 | 0.0188 | 0.0108 | 0.325 | 0.039 | 0.057 | 0.003E | 0 E | 0 E | 0.021 | 0.032 | 0.038 | 0.029 | 26 |
| 27 | 0.0178 | 0.0108 | 0.337 | 0.049 | 0.081 | 0.003E | 0 A | 0 E | 0.016 | 0.011 | 0.087 | 0.031 | 0.025 | 27 |
| 28 | 0.0188 | 0.0108 | 0.153 | 0.048 | 0.050 | 0.002E | 0 E | 0 E | 0.014 | 0.011 | 0.069 | 0.027 | 0.024 | 28 |
| 29 | 0.013 | | 0.122 | 0.039 | 0.038 | 0.002E | 0 E | 0 E | 0.013 | 0.011 | 0.055 | 0.027 | 0.022 | 29 |
| 30 | 0.013 | | 0.105 | 0.032 | 0.031 | 0.003A | 0 E | 0 E | 0.073 | 0.011 | 0.084 | 0.058 | 0.021 | 30 |
| 31 | 0.013 | | 0.088 | | 0.026 | | 0 E | 0 E | 0.084 | | 0.063 | | 0.021 | 31 |
| TOTAL | 0.547 | 0.306 | 1.812 | 3.383 | 1.245 | 0.274 | 0.081 | 0.556 | 0.801 | 2.208 | 2.150 | 1.846 | TOTAL |
| MEAN | 0.018 | 0.011 | 0.058 | 0.113 | 0.040 | 0.009 | 0.003 | 0.018 | 0.027 | 0.071 | 0.072 | 0.060 | MEAN |
| MAX | 0.022 | 0.014 | 0.325 | 0.315 | 0.115 | 0.028 | 0.014 | 0.130 | 0.109 | 0.239 | 0.384 | 0.203 | MAX |
| MIN | 0.013 | 0.010 | 0.009 | 0.032 | 0.009 | 0.001 | 0 | 0 | 0.008 | 0.026 | 0.027 | 0.021 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.041
MAXIMUM DAILY, 0.384 ON NOV 17
MINIMUM DAILY, 0A ON JUL 7
MAXIMUM INSTANTANEOUS,
0.584 AT 18 32 EST ON NOV 17

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 38 N
LONG 84 23 56 W
DRAINAGE AREA, 2.14 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 47.3 | JUL | 7.00 |
| FEB | 28.4 | AUG | 48.2 |
| MAR | 157 | SEP | 69.2 |
| APR | 292 | OCT | 191 |
| MAY | 108 | NOV | 185 |
| JUN | 23.7 | DEC | 134 |

TOTAL DISCHARGE, 1 290 dam³

## NORBERG CREEK (SITE F) AT OUTLET OF BATCHAWANA LAKE - STATION NO 02BF012

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.007 | 0.0078 | 0.0058 | 0.023 | 0.011 | 0.012 | 0 | 0 | 0.022 | 0.006 | 0.020 | 0.017 | 1 |
| 2 | 0.007 | 0.0078 | 0.0058 | 0.020 | 0.010 | 0.012 | 0 | 0 | 0.017 | 0.038 | 0.018 | 0.018 | 2 |
| 3 | 0.007 | 0.0068 | 0.0068 | 0.017 | 0.009 | 0.011 | 0 | 0 | 0.014 | 0.038 | 0.017 | 0.018 | 3 |
| 4 | 0.007 | 0.0068 | 0.0068 | 0.015 | 0.008 | 0.010 | 0 | 0 | 0.012 | 0.030 | 0.023 | 0.015 | 4 |
| 5 | 0.007 | 0.0078 | 0.0068 | 0.014 | 0.007 | 0.009 | 0 | 0 | 0.014 | 0.025 | 0.035 | 0.013 | 5 |
| 6 | 0.006 | 0.0068 | 0.0068 | 0.017 | 0.007 | 0.008 | 0 | 0 | 0.031 | 0.022 | 0.029 | 0.012 | 6 |
| 7 | 0.007 | 0.0068 | 0.0068 | 0.032 | 0.006 | 0.007 | 0 | 0 | 0.029 | 0.020 | 0.025 | 0.011 | 7 |
| 8 | 0.007 | 0.0068 | 0.0078 | 0.043 | 0.005 | 0.007 | 0 | 0 | 0.021 | 0.017 | 0.021 | 0.011 | 8 |
| 9 | 0.007 | 0.0068 | 0.0068 | 0.050 | 0.005 | 0.006 | 0 | 0 | 0.017 | 0.015 | 0.018 | 0.014 | 9 |
| 10 | 0.007 | 0.0078 | 0.0068 | 0.077 | 0.004 | 0.005 | 0 | 0 | 0.014 | 0.015 | 0.019 | 0.061 | 10 |
| 11 | 0.007 | 0.0078 | 0.0068 | 0.104 | 0.004 | 0.004 | 0 | 0 | 0.012 | 0.015 | 0.014 | 0.082 | 11 |
| 12 | 0.006 | 0.0068 | 0.0068 | 0.100 | 0.004 | 0.005 | 0.001 | 0 | 0.011 | 0.014 | 0.013 | 0.048 | 12 |
| 13 | 0.006 | 0.0068 | 0.0068 | 0.079 | 0.003 | 0.005 | 0.002 | 0 | 0.010 | 0.013 | 0.012 | 0.038 | 13 |
| 14 | 0.006 | 0.0068 | 0.0078 | 0.090 | 0.003 | 0.005 | 0.001 | 0 | 0.009 | 0.013 | 0.013 | 0.031 | 14 |
| 15 | 0.0068 | 0.0068 | 0.0068 | 0.100 | 0.003 | 0.004 | 0.001 | 0 | 0.008 | 0.010 | 0.013 | 0.025 | 15 |
| 16 | 0.0058 | 0.0058 | 0.0058 | 0.079 | 0.004 | 0.003 | 0.001 | 0 | 0.007 | 0.012 | 0.014 | 0.022 | 16 |
| 17 | 0.0058 | 0.0068 | 0.0058 | 0.059 | 0.008 | 0.002 | 0.001 | 0.004 | 0.007 | 0.044 | 0.103 | 0.018 | 17 |
| 18 | 0.0078 | 0.0068 | 0.0058 | 0.046 | 0.019 | 0.002 | 0.001 | 0.005 | 0.007 | 0.074 | 0.088 | 0.017 | 18 |
| 19 | 0.0098 | 0.0058 | 0.0058 | 0.038 | 0.028 | 0.002 | 0.001 | 0.005 | 0.006 | 0.038 | 0.046 | 0.016 | 19 |
| 20 | 0.0098 | 0.0058 | 0.0058 | 0.031 | 0.027 | 0.001 | 0.001 | 0.005 | 0.007 | 0.031 | 0.033 | 0.018 | 20 |
| 21 | 0.0108 | 0.0058 | 0.0068 | 0.030 | 0.023 | 0.001 | 0.001 | 0.004 | 0.009 | 0.025 | 0.027 | 0.024 | 21 |
| 22 | 0.0118 | 0.0058 | 0.007 | 0.028 | 0.036 | 0.001 | 0.001 | 0.045 | 0.009 | 0.020 | 0.022 | 0.024 | 22 |
| 23 | 0.0118 | 0.0058 | 0.0[illegible] | 0.023 | 0.034 | 0 | 0.001 | 0.030 | 0.008 | 0.017 | 0.020 | 0.020 | 23 |
| 24 | 0.0118 | 0.0058 | 0.0[illegible] | 0.020 | 0.028 | 0 | 0 | 0.020 | 0.007 | 0.015 | 0.020 | 0.018 | 24 |
| 25 | 0.0118 | 0.0048 | 0.084 | 0.017 | 0.023 | 0.001 | 0 | 0.018 | 0.006 | 0.014 | 0.018 | 0.016 | 25 |
| 26 | 0.0108 | 0.0058 | 0.070 | 0.015 | 0.022 | 0.001 | 0 | 0.013 | 0.006 | 0.013 | 0.015 | 0.014 | 26 |
| 27 | 0.0108 | 0.0058 | 0.072 | 0.015 | 0.022 | 0.001 | 0 | 0.011 | 0.005 | 0.015 | 0.014 | 0.014 | 27 |
| 28 | 0.0098 | 0.0048 | 0.051 | 0.014 | 0.020 | 0.001 | 0 | 0.009 | 0.005 | 0.020 | 0.012 | 0.012 | 28 |
| 29 | 0.0078 | | 0.041 | 0.013 | 0.017 | 0 | 0 | 0.008 | 0.005 | 0.022 | 0.013 | 0.011 | 29 |
| 30 | 0.0078 | | 0.034 | 0.012 | 0.015 | 0 | 0 | 0.012 | 0.004 | 0.023 | 0.017 | 0.010 | 30 |
| 31 | 0.0078 | | 0.028 | | 0.014 | | 0 | 0.020 | | 0.022 | | 0.011 | 31 |
| TOTAL | 0.239 | 0.162 | 0.539 | 1.220 | 0.429 | 0.126 | 0.013 | 0.207 | 0.339 | 0.687 | 0.750 | 0.653 | TOTAL |
| MEAN | 0.008 | 0.006 | 0.017 | 0.041 | 0.014 | 0.004 | 0 | 0.007 | 0.011 | 0.022 | 0.025 | 0.021 | MEAN |
| MAX | 0.011 | 0.008 | 0.072 | 0.104 | 0.036 | 0.012 | 0.002 | 0.045 | 0.031 | 0.074 | 0.103 | 0.082 | MAX |
| MIN | 0.005 | 0.004 | 0.005 | 0.012 | 0.003 | 0 | 0 | 0 | 0.004 | 0.005 | 0.012 | 0.010 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.104 ON APR 11
MINIMUM DAILY, 0 ON JUN 23
MAXIMUM INSTANTANEOUS,
0.199 AT 15 11 EST ON NOV 17

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 47 N
LONG 84 23 36 W
DRAINAGE AREA, 1.15 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 20.8 | JUL | 1.12 |
| FEB | 14.5 | AUG | 17.9 |
| MAR | 48.6 | SEP | 29.3 |
| APR | 105 | OCT | 60.2 |
| MAY | 37.1 | NOV | 64.8 |
| JUN | 10.8 | DEC | 56.4 |

TOTAL DISCHARGE, 484 dam³

## NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY - STATION NO 02EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18.6 | 13.7 | 11.6 | 93.6 | 17.2 | 8.94 | 8.64 | 3.57 | 5.13 | 10.6 | 12.9 | 19.0 | 1 |
| 2 | 18.5 | 13.7 | 12.2 | 94.7 | 17.3 | 8.88 | 5.98 | 3.53 | 4.97 | 10.3 | 14.1 | 19.6 | 2 |
| 3 | 18.2 | 14.8 | 12.2 | 94.6 | 17.2 | 8.71 | 3.76 | 3.62 | 4.90 | 10.2 | 14.6 | 20.2 | 3 |
| 4 | 18.0 | 16.2 | 12.1 | 93.1 | 16.9 | 8.74 | 3.80 | 3.96 | 4.85 | 9.65 | 14.7 | 20.4 | 4 |
| 5 | 17.7 | 15.9 | 12.9 | 92.2 | 17.1 | 8.88 | 3.83 | 2.49 | 4.90 | 9.24 | 14.7 | 20.1 | 5 |
| 6 | 17.6 | 16.7 | 13.9 | 93.4 | 16.8 | 8.97 | 3.83 | 2.39 | 4.95 | 9.10 | 14.8 | 20.0 | 6 |
| 7 | 16.4 | 17.3 | 13.2 | 95.0 | 16.5 | 9.33 | 3.86 | 2.39 | 5.11 | 9.33 | 14.9 | 19.6 | 7 |
| 8 | 15.1 | 16.9 | 12.9 | 77.6 | 13.6 | 9.93 | 3.86 | 2.30 | 5.25 | 9.18 | 15.2 | 19.5 | 8 |
| 9 | 14.6 | 16.4 | 12.7 | 86.1 | 11.9 | 10.3 | 3.96 | 2.36 | 5.18 | 8.75 | 15.6 | 19.9 | 9 |
| 10 | 14.6 | 20.0 | 12.8 | 69.9 | 11.9 | 11.0 | 4.02 | 2.36 | 5.26 | 9.36 | 15.1 | 21.4 | 10 |
| 11 | 14.3 | 22.0 | 12.8 | 72.8 | 11.9 | 11.4 | 4.04 | 2.34 | 6.33 | 9.45 | 15.3 | 23.1 | 11 |
| 12 | 14.4 | 21.0 | 13.4 | 74.6 | 12.0 | 12.1 | 4.06 | 2.36 | 6.84 | 9.84 | 15.2 | 24.4 | 12 |
| 13 | 14.2 | 19.9 | 14.2 | 75.4 | 11.8 | 12.6 | 3.97 | 2.38 | 6.41 | 10.0 | 15.1 | 26.2 | 13 |
| 14 | 14.2 | 18.0 | 14.3 | 87.6 | 12.3 | 12.7 | 3.96 | 2.36 | 6.31 | 10.7 | 15.0 | 42.0 | 14 |
| 15 | 14.3 | 18.1 | 14.8 | 84.6 | 14.8 | 12.9 | 3.88 | 2.38 | 6.19 | 10.7 | 14.9 | 55.0 | 15 |
| 16 | 14.1 | 17.4 | 16.8 | 90.8 | 14.4 | 12.8 | 3.92 | 2.38 | 6.31 | 9.20 | 14.7 | 51.8 | 16 |
| 17 | 13.9 | 15.4 | 17.3 | 90.0 | 14.5 | 12.2 | 3.86 | 2.38 | 6.35 | 8.52 | 14.7 | 48.5 | 17 |
| 18 | 14.0 | 14.2 | 16.5 | 49.3 | 14.1 | 11.6 | 3.86 | 2.42 | 6.37 | 8.22 | 14.7 | 43.2 | 18 |
| 19 | 14.3 | 14.3 | 16.1 | 45.6 | 14.1 | 11.3 | 4.04 | 2.38 | 6.33 | 8.46 | 14.7 | 40.8 | 19 |
| 20 | 14.5 | 13.7 | 15.2 | 47.7 | 14.0 | 11.2 | 4.17 | 2.44 | 6.38 | 8.63 | 15.0 | 40.2 | 20 |
| 21 | 14.2 | 13.2 | 17.2 | 46.5 | 13.9 | 10.6 | 4.46 | 2.41 | 6.61 | 8.61 | 14.7 | 39.2 | 21 |
| 22 | 14.1 | 13.0 | 17.6 | 45.3 | 14.2 | 10.3 | 4.37 | 2.46 | 12.8 | 8.63 | 14.6 | 32.7 | 22 |
| 23 | 13.9 | 12.9 | 20.6 | 40.5 | 13.8 | 9.95 | 4.44 | 2.38 | 16.5 | 8.87 | 14.4 | 28.9 | 23 |
| 24 | 13.6 | 12.7 | 26.9 | 29.7 | 13.7 | 9.30 | 4.32 | 2.35 | 15.7 | 8.75 | 14.9 | 26.5 | 24 |
| 25 | 13.4 | 12.6 | 32.1 | 28.1 | 13.3 | 9.24 | 4.32 | 2.43 | 14.2 | 10.3 | 15.5 | 28.9 | 25 |
| 26 | 13.4 | 12.2 | 42.0 | 28.0 | 10.5 | 8.97 | 4.15 | 2.54 | 12.7 | 10.4 | 15.1 | 27.1 | 26 |
| 27 | 13.2 | 11.9 | 53.0 | 27.4 | 9.18 | 8.81 | 4.04 | 3.05 | 11.9 | 11.2 | 15.1 | 27.2 | 27 |
| 28 | 13.3 | 11.9 | 65.2 | 25.8 | 9.13 | 8.88 | 4.10 | 3.08 | 11.5 | 12.4 | 15.3 | 26.6 | 28 |
| 29 | 13.6 | | 72.8 | 21.0 | 9.30 | 8.83 | 4.03 | 2.76 | 11.1 | 12.8 | 15.6 | 26.9 | 29 |
| 30 | 13.7 | | 82.5 | 17.1 | 9.10 | 9.00 | 4.03 | 2.57 | 11.1 | 13.2 | 17.7 | 25.9 | 30 |
| 31 | 13.6 | | 91.6 | | 9.04 | | 3.82 | 3.89 | | 13.6 | | 24.7 | 31 |
| TOTAL | 461.9 | 437.0 | 800.4 | 1 770.7 | 416.55 | 307.64 | 131.29 | 81.48 | 238.17 | 324.51 | 453.8 | 804.3 | TOTAL |
| MEAN | 14.9 | 15.6 | 25.8 | 59.0 | 13.4 | 10.3 | 4.24 | 2.63 | 7.94 | 10.5 | 15.1 | 29.2 | MEAN |
| MAX | 18.6 | 22.0 | 91.6 | 95.0 | 17.3 | 12.9 | 8.64 | 3.89 | 16.5 | 18.7 | 17.7 | 55.0 | MAX |
| MIN | 13.2 | 11.9 | 11.6 | 17.1 | 9.04 | 8.58 | 3.82 | 2.30 | 4.85 | 8.20 | 13.9 | 19.0 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.3
MAXIMUM DAILY, 95.0 ON APR 7
MINIMUM DAILY, 2.30 ON AUG 8
MAXIMUM INSTANTANEOUS
95.6 AT 08:00 EST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 12 45 N
LONG 79 16 30 W
DRAINAGE AREA, 1 390 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 39 900 | JUL | 11 300 |
| FEB | 37 800 | AUG | 7 040 |
| MAR | 69 200 | SEP | 20 600 |
| APR | 153 000 | OCT | 28 000 |
| MAY | 36 000 | NOV | 39 200 |
| JUN | 26 600 | DEC | 78 100 |

TOTAL DISCHARGE, 547 000 dam³

## NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON - STATION NO 02LB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.9725 | 0.2498 | 0.3278 | 4.51 | 0.890 | 0.609 | 0.135 | 0.005 | 0.006 | 0.071 | 0.171 | 4.86 | 1 |
| 2 | 0.8208 | 0.2488 | 0.3338 | 3.25 | 0.656 | 1.07 | 0.094 | 0.005 | 0.003 | 0.070 | 0.196 | 2.82 | 2 |
| 3 | 0.7008 | 0.2488 | 0.3418 | 2.77 | 0.531 | 0.467 | 0.185 | 0.007 | 0.003 | 0.071 | 0.184 | 2.17 B | 3 |
| 4 | 0.6208 | 0.2488 | 0.3478 | 4.14 | 0.448 | 0.552 | 0.206 | 0.009 | 0.002 | 0.073 | 0.236 | 1.77 | 4 |
| 5 | 0.5558 | 0.2458 | 0.3638 | 7.89 E | 0.453 | 0.421 | 0.140 | 0.008 | 0.001 | 0.082 | 0.309 | 1.48 | 5 |
| 6 | 0.5148 | 0.2438 | 0.3618 | 4.77 E | 0.555 | 0.371 | 0.096 | 0.008 | 0.001 | 0.053 | 0.374 | 1.33 | 6 |
| 7 | 0.4888 | 0.2428 | 0.5208 | 3.82 A | 0.720 | 0.310 | 0.070 | 0.006 | 0.001 | 0.086 | 0.313 | 1.13 B | 7 |
| 8 | 0.4608 | 0.2428 | 0.7608 | 2.97 E | 0.421 | 1.86 | 0.059 | 0.004 | 0.002 | 0.197 | 0.371 | 1.03 B | 8 |
| 9 | 0.4388 | 0.2628 | 1.22 B | 2.51 E | 0.237 | 2.33 | 0.054 | 0.004 | 0.022 | 0.189 | 1.18 | 1.57 | 9 |
| 10 | 0.4208 | 0.3218 | 1.20 B | 2.13 E | 0.230 | 1.88 | 0.050 | 0.002 | 0.020 | 0.124 | 0.798 | 3.84 | 10 |
| 11 | 0.4008 | 0.3518 | 1.15 B | 1.78 E | 0.182 | 0.880 | 0.038 | 0.003 | 0.014 | 0.100 | 0.592 | 3.45 | 11 |
| 12 | 0.3838 | 0.3478 | 1.14 B | 1.56 E | 0.301 | 1.67 | 0.046 | 0.003 | 0.027 | 0.087 | 0.520 | 2.49 | 12 |
| 13 | 0.3658 | 0.3458 | 1.10 B | 1.36 | 0.180 | 1.64 | 0.039 | 0.002 | 0.117 | 0.081 | 0.497 | 2.21 | 13 |
| 14 | 0.3508 | 0.3448 | 1.08 B | 0.946 | 0.227 | 0.912 | 0.037 | 0.001 | 0.126 | 0.077 | 0.473 | 1.99 | 14 |
| 15 | 0.3358 | 0.3428 | 1.04 B | 0.785 | 1.32 | 0.587 | 0.042 | 0.001 | 0.051 | 0.073 | 0.445 | 2.35 | 15 |
| 16 | 0.3208 | 0.3408 | 1.02 B | 0.823 | 0.949 | 0.388 | 0.039 | 0.002 | 0.037 | 0.068 | 0.427 | 2.15 B | 16 |
| 17 | 0.3108 | 0.3388 | 1.00 B | 1.01 | 0.587 | 0.230 | 0.028 | 0.003 | 0.040 | 0.073 | 0.410 | 1.80 B | 17 |
| 18 | 0.2998 | 0.3388 | 0.9808 | 0.724 | 0.533 | 0.187 | 0.029 | 0.004 | 0.033 | 0.085 | 0.675 | 1.65 B | 18 |
| 19 | 0.2888 | 0.3378 | 1.06 B | 0.584 | 0.411 | 0.144 | 0.032 | 0.005 | 0.034 | 0.074 | 0.640 | 1.48 B | 19 |
| 20 | 0.2808 | 0.3368 | 1.15 B | 0.494 | 0.345 | 0.160 | 0.041 | 0.010 | 0.067 | 0.060 | 0.544 | 1.40 | 20 |
| 21 | 0.2718 | 0.3338 | 1.42 B | 0.418 | 0.260 | 0.148 | 0.0744A | 0.011 | 0.108 | 0.068 | 0.3898 | 2.14 | 21 |
| 22 | 0.2688 | 0.3328 | 4.55 B | 0.556 | 0.498 | 0.120 | 0.018 | 0.012 | 0.098 | 0.085 | 0.3078 | 2.18 | 22 |
| 23 | 0.2648 | 0.3308 | 7.38 E | 0.502 | 0.477 | 0.101 | 0.015 | 0.010 | 0.068 | 0.105 | 0.284 | 2.00 | 23 |
| 24 | 0.2618 | 0.3308 | 8.81 E | 0.758 | 0.382 | 0.093 | 0.014 | 0.008 | 0.058 | 0.198 | 0.386 | 1.78 | 24 |
| 25 | 0.2598 | 0.3298 | 9.64 E | 0.652 | 0.385 | 0.084 | 0.046 | 0.003 | 0.058 | 0.290 | 0.389 | 2.19 | 25 |
| 26 | 0.2588 | 0.3268 | 11.5 E | 0.519 | 0.241 | 0.078 | 0.035 | 0.003 | 0.052 | 0.220 | 0.337 | 2.58 | 26 |
| 27 | 0.2528 | 0.3268 | 8.84 E | 0.406 | 0.380 | 0.053 | 0.015 | 0.001 | 0.044 | 0.182 | 0.3908 | 2.07 B | 27 |
| 28 | 0.2518 | 0.3228 | 7.45 | 0.504 | 0.270 | 0.205 | 0.010 | 0.001 | 0.040 | 0.201 | 0.4568 | 1.30 B | 28 |
| 29 | 0.2518 | | 8.09 | 0.716 | 0.342 | 0.145 | 0.010 | 0.003 | 0.044 | 0.198 | 0.794 | 0.8488 | 29 |
| 30 | 0.2508 | | 5.31 | 1.44 | 0.277 | 0.156 | 0.008 | 0.002 | 0.055 | 0.174 | 5.69 | 0.6258 | 30 |
| 31 | 0.2508 | | 5.33 | | 0.212 | | 0.007 | 0.004 | | 0.174 | | 0.4808 | 31 |
| TOTAL | 12.155 | 8.617 | 82.622 | 55.319 | 13.776 | 17.863 | 1.585 | 0.147 | 1.226 | 3.849 | 18.777 | 61.373 | TOTAL |
| MEAN | 0.392 | 0.308 | 2.99 | 1.44 | 0.444 | 0.589 | 0.054 | 0.005 | 0.041 | 0.118 | 0.625 | 1.98 | MEAN |
| MAX | 0.972 | 0.351 | 11.5 | 7.89 | 1.32 | 2.33 | 0.206 | 0.012 | 0.125 | 0.290 | 5.69 | 4.86 | MAX |
| MIN | 0.250 | 0.242 | 0.327 | 0.406 | 0.180 | 0.078 | 0.007 | 0.001 | 0.001 | 0.053 | 0.171 | 0.480 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.786
MAXIMUM DAILY, 11.52 ON MAR 28
MINIMUM DAILY, 0.001 ON AUG 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 59 40 N
LONG 75 31 00 W
DRAINAGE AREA, 89.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 050 | JUL | 145 |
| FEB | 745 | AUG | 12.7 |
| MAR | 5 000 | SEP | 186 |
| APR | 4 780 | OCT | 315 |
| MAY | 1 190 | NOV | 1 620 |
| JUN | 1 530 | DEC | 5 300 |

TOTAL DISCHARGE, 24 800 dam³

## NORTH CURRENT RIVER NEAR THUNDER BAY - STATION NO. 02AB014

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.3728 | 0.2868 | 0.2438 | 0.5308 | 0.546 | 0.563 | 0.083 | 0.121 | 0.079 | 1.15 | 1.08 | 0.4708 | 1 |
| 2 | 0.3888 | 0.2848 | 0.2418 | 0.5858 | 0.496 | 0.604 | 0.086 | 0.208 | 0.077 | 1.14 | 1.04 | 0.4558 | 2 |
| 3 | 0.3648 | 0.2828 | 0.2408 | 0.6508 | 0.467 | 0.523 | 0.085 | 0.174 | 0.071 | 1.26 | 1.03 | 0.4458 | 3 |
| 4 | 0.3618 | 0.2808 | 0.2408 | 0.780 | 0.422 | 0.457 | 0.087 | 0.112 | 0.072 | 1.13 | 0.987 | 0.4308 | 4 |
| 5 | 0.3578 | 0.2768 | 0.2398 | 0.979 | 0.398 | 0.485 | 0.084 | 0.083 | 0.081 | 1.31 | 0.950 | 0.4208 | 5 |
| 6 | 0.3548 | 0.2768 | 0.2388 | 1.35 | 0.388 | 0.448 | 0.080 | 0.070 | 0.287 | 1.41 | 0.897 | 0.4058 | 6 |
| 7 | 0.3518 | 0.2748 | 0.2388 | 1.98 | 0.392 | 0.478 | 0.072 | 0.057 | 0.314 | 1.43 | 0.848 | 0.3958 | 7 |
| 8 | 0.3488 | 0.2728 | 0.2388 | 2.45 | 0.365 | 0.461 | 0.054 | 0.062 | 0.320 | 1.55 | 0.811 | 0.3828 | 8 |
| 9 | 0.3458 | 0.2718 | 0.2388 | 2.80 | 0.345 | 0.387 | 0.049 | 0.059 | 0.414 | 2.03 | 0.741 | 0.3688 | 9 |
| 10 | 0.3428 | 0.2898 | 0.2388 | 3.27 | 0.308 | 0.345 | 0.082 | 0.062 | 0.384 | 2.04 | 0.703 | 0.3558 | 10 |
| 11 | 0.3408 | 0.2688 | 0.2378 | 3.28 | 0.297 | 0.317 | 0.081 | 0.051 | 0.474 | 1.87 | 0.882 | 0.3388 | 11 |
| 12 | 0.3388 | 0.2668 | 0.2378 | 2.91 | 0.278 | 0.306 | 0.071 | 0.285 | 0.784 | 1.72 | 0.840 | 0.3238 | 12 |
| 13 | 0.3368 | 0.2648 | 0.2378 | 2.51 | 0.263 | 0.276 | 0.103 | 0.586 | 0.875 | 1.59 | 0.819 | 0.3068 | 13 |
| 14 | 0.3318 | 0.2628 | 0.2388 | 2.28 | 0.258 | 0.258 | 0.102 | 0.396 | 0.790 | 1.51 | 0.632 | 0.2888 | 14 |
| 15 | 0.3288 | 0.2618 | 0.2398 | 2.07 | 0.272 | 0.210 | 0.083 | 0.306 | 0.604 | 1.42 | 0.593 | 0.2718 | 15 |
| 16 | 0.3258 | 0.2608 | 0.2418 | 1.93 | 0.278 | 0.171 | 0.070 | 0.324 | 0.474 | 1.79 | 0.707 | 0.2528 | 16 |
| 17 | 0.3228 | 0.2588 | 0.2468 | 1.77 | 0.378 | 0.145 | 0.057 | 0.332 | 0.378 | 2.32 | 1.13 | 0.2338 | 17 |
| 18 | 0.3198 | 0.2578 | 0.2638 | 1.56 | 0.368 | 0.129 | 0.061 | 0.327 | 0.326 | 2.15 | 1.41 | 0.2068 | 18 |
| 19 | 0.3178 | 0.2568 | 0.2628 | 1.47 | 0.317 | 0.111 | 0.103 | 0.288 | 0.295 | 1.90 | 1.19 | 0.1878 | 19 |
| 20 | 0.3148 | 0.2548 | 0.2708 | 1.42 | 0.328 | 0.095 | 0.115 | 0.247 | 0.395 | 1.74 | 1.05 | 0.1738 | 20 |
| 21 | 0.3128 | 0.2538 | 0.2828 | 1.34 | 0.338 | 0.084 | 0.090 | 0.233 | 0.352 | 1.83 | 0.771 | 0.1628 | 21 |
| 22 | 0.3098 | 0.2528 | 0.2928 | 1.17 | 0.466 | 0.074 | 0.072 | 0.308 | 0.320 | 1.52 | 0.7028 | 0.1518 | 22 |
| 23 | 0.3088 | 0.2518 | 0.3078 | 1.08 | 0.583 | 0.072 | 0.077 | 0.222 | 0.276 | 1.42 | 0.6508 | 0.1438 | 23 |
| 24 | 0.3038 | 0.2498 | 0.3218 | 0.951 | 0.436 | 0.081 | 0.087 | 0.168 | 0.240 | 1.38 | 0.6108 | 0.1378 | 24 |
| 25 | 0.3018 | 0.2488 | 0.3388 | 0.834 | 0.407 | 0.081 | 0.085 | 0.136 | 0.197 | 1.31 | 0.5808 | 0.1318 | 25 |
| 26 | 0.2988 | 0.2478 | 0.3548 | 0.814 | 0.381 | 0.073 | 0.081 | 0.118 | 0.175 | 1.31 | 0.5558 | 0.1268 | 26 |
| 27 | 0.2978 | 0.2468 | 0.3768 | 0.787 | 0.390 | 0.084 | 0.068 | 0.138 | 0.187 | 1.44 | 0.5308 | 0.1218 | 27 |
| 28 | 0.2958 | 0.2448 | 0.3978 | 0.735 | 0.403 | 0.158 | 0.060 | 0.113 | 0.361 | 1.41 | 0.5108 | 0.1178 | 28 |
| 29 | 0.2938 | | 0.4268 | 0.672 | 0.380 | 0.088 | 0.039 | 0.087 | 0.746 | 1.31 | 0.4858 | 0.1148 | 29 |
| 30 | 0.2918 | | 0.4508 | 0.589 | 0.543 | 0.080 | 0.034 | 0.110 | 1.03 | 1.24 | 0.4808 | 0.1118 | 30 |
| 31 | 0.2888 | | 0.4858 | | 0.728 | | 0.028 | 0.088 | | 1.18 | | 0.1088 | 31 |
| TOTAL | 10.126 | 7.368 | 8.881 | 45.538 | 12.289 | 7.584 | 2.057 | 5.858 | 11.392 | 47.59 | 23.633 | 8.122 | TOTAL |
| MEAN | 0.327 | 0.263 | 0.286 | 1.52 | 0.397 | 0.253 | 0.066 | 0.189 | 0.380 | 1.54 | 0.788 | 0.262 | MEAN |
| MAX | 0.372 | 0.286 | 0.485 | 3.27 | 0.726 | 0.604 | 0.115 | 0.586 | 1.03 | 2.32 | 1.41 | 0.470 | MAX |
| MIN | 0.288 | 0.244 | 0.237 | 0.530 | 0.263 | 0.080 | 0.028 | 0.051 | 0.071 | 1.13 | 0.480 | 0.108 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.522
MAXIMUM DAILY 3.27 ON APR 10
MINIMUM DAILY 0.028 ON JUL 31
MAXIMUM INSTANTANEOUS
3.39 AT 22:08 EST ON APR 10

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 04 N
LONG 89 10 47 W
DRAINAGE AREA 111 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 875 | JUL | 178 |
| FEB | 637 | AUG | 506 |
| MAR | 767 | SEP | 984 |
| APR | 3 930 | OCT | 4 110 |
| MAY | 1 060 | NOV | 2 040 |
| JUN | 656 | DEC | 702 |

TOTAL DISCHARGE 16 400 dam³

## NORTH FRENCH RIVER NEAR THE MOUTH - STATION NO. 04MF001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11 7 B | 7.208 | 5 508 | 10 6B | 214 | 233 | 102 | 113 | 70 6 | 237 | 101 | 83 0B | 1 |
| 2 | 11 5 B | 7.008 | 5 458 | 10 6B | 212 | 221 | 90 7 | 98 7 | 82 2 | 276 | 95 9 | 80 0B | 2 |
| 3 | 11 4 B | 6.838 | 5 418 | 10 7B | 193 | 193 | 80 6 | 109 | 98 0 | 276 | 93 4 | 75 0B | 3 |
| 4 | 11 2 B | 6.808 | 5 408 | 10 8B | 172 | 173 | 73 3 | 133 | 105 | 263 | 95 6 | 72 0B | 4 |
| 5 | 11 0 B | 6 758 | 5 398 | 10 9B | 163 | 168 | 77 3 | 143 | 97 1 | 242 | 102 | 68 0B | 5 |
| 6 | 10 9 B | 6.658 | 5 358 | 10 9B | 139 | 156 | 82 5 | 136 | 91 4 | 225 | 92 0B | 64 0B | 6 |
| 7 | 10 7 B | 6.608 | 5 308 | 11 0B | 127 | 142 | 75 7 | 121 | 94 7 | 207 | 85 0B | 60 0B | 7 |
| 8 | 10 6 B | 6 558 | 5 278 | 11 0B | 116 | 129 | 86 6 | 104 | 101 | 194 | 82 0B | 59 0B | 8 |
| 9 | 10 4 B | 6.458 | 5 258 | 11 1B | 106 | 117 | 58 5 | 91 0 | 96 0 | 185 | 77 0B | 55 0B | 9 |
| 10 | 10 2 B | 6.408 | 5 238 | 11 2B | 98 4 | 112 | 55 5 | 87 7 | 87 7 | 174 | 74 0B | 57 0B | 10 |
| 11 | 10 0 B | 6.358 | 5 218 | 11 3B | 91 9 | 111 | 57 6 | 94 0 | 78 6 | 180 | 72 0B | 56 0B | 11 |
| 12 | 9 80B | 6.308 | 5 208 | 11 4B | 86 8 | 99 1 | 58 7 | 92 5 | 77 4 | 150 | 70 0B | 54 0B | 12 |
| 13 | 9 70B | 6.258 | 5 198 | 13 0B | 84 8 | 89 6 | 62 7 | 82 4 | 77 8 | 139 | 69 0B | 51 0B | 13 |
| 14 | 9 50B | 6.208 | 5 188 | 16 0B | 83 4 | 82 3 | 77 7 | 76 9 | 84 9 | 127 | 67 0B | 48 0B | 14 |
| 15 | 9 20B | 6 158 | 5 188 | 50 0B | 82 3 | 75 7 | 91 8 | 76 8 | 93 8 | 118 | 65 0B | 45 0B | 15 |
| 16 | 9 10B | 6.108 | 5 158 | 120 B | 78 7 | 68 3 | 93 3 | 103 | 97 0 | 110 | 63 5B | 42 0B | 16 |
| 17 | 8 90B | 6 058 | 5 138 | 230 B | 74 3 | 63 2 | 89 3 | 189 | 90 9 | 110 | 72 0B | 40 0B | 17 |
| 18 | 8 80B | 6 008 | 5 128 | 347 | 67 7 | 61 6 | 82 8 | 222 | 85 2 | 126 | 103 B | 38 0B | 18 |
| 19 | 8 70B | 5 958 | 5 108 | 383 | 63 6 | 67 4 | 76 9 | 207 | 76 4 | 183 | 130 B | 36 0B | 19 |
| 20 | 8 60B | 5 908 | 5 138 | 375 | 59 1 | 67 7 | 76 1 | 174 | 70 3 | 214 | 152 B | 34 5B | 20 |
| 21 | 8 40B | 5.808 | 5 208 | 370 | 57 1 | 70 9 | 84 1 | 151 | 62 2 | 211 | 140 B | 33 0B | 21 |
| 22 | 8 40B | 5 788 | 5 408 | 349 | 55 5 | 68 2 | 86 3 | 130 | 58 6 | 191 | 133 B | 32 0B | 22 |
| 23 | 8 25B | 5 778 | 5 008 | 307 | 86 4 | 63 2 | 113 | 115 | 62 7 | 172 | 126 B | 31 0B | 23 |
| 24 | 8 10B | 5 768 | 6 80B | 265 | 73 3 | 57 3 | 198 | 103 | 51 1 | 154 | 119 B | 30 0B | 24 |
| 25 | 7 90B | 5 708 | 7 60B | 229 | 103 | 51 7 | 237 | 96 6 | 48 1 | 135 | 112 B | 28 7B | 25 |
| 26 | 7 80B | 5 658 | 8 50B | 197 | 136 | 64 0 | 232 | 92 2 | 46 3 | 124 | 106 B | 28 0B | 26 |
| 27 | 7 70B | 5 628 | 9 20B | 173 | 148 | 85 1 | 238 | 86 7 | 44 4 | 114 | 101 B | 27 0B | 27 |
| 28 | 7 60B | 5 608 | 9 70B | 182 | 148 | 114 | 216 | 81 5 | 42 7 | 111 | 96 0B | 26 2B | 28 |
| 29 | 7 50B | | 10 1 B | 165 | 160 | 127 | 181 | 76 5 | 46 7 | 113 | 92 0B | 25 5B | 29 |
| 30 | 7 40B | | 10 4 B | 193 | 184 | 115 | 156 | 68 0 | 89 8 | 111 | 87 0B | 25 0B | 30 |
| 31 | 7 30B | | 10 5 B | | 211 | | 134 | 65 0 | | 107 | | 24 2B | 31 |
| TOTAL | 288 25 | 174 18 | 194 62 | 4 075 7 | 3 652 3 | 3 245 3 | 3 407 1 | 3 498 7 | 2 300 9 | 5 259 | 2 876 4 | 1 431 1 | TOTAL |
| MEAN | 9 30 | 6 22 | 6 28 | 136 | 118 | 108 | 110 | 113 | 76 7 | 170 | 95 9 | 46 2 | MEAN |
| MAX | 11 7 | 7 20 | 10 5 | 383 | 214 | 233 | 238 | 222 | 105 | 276 | 152 | 83 0 | MAX |
| MIN | 7 30 | 5 60 | 5 10 | 10 6 | 57 1 | 51 7 | 55 5 | 65 0 | 42 7 | 107 | 63 5 | 24 2 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 83 3
MAXIMUM DAILY 383 ON APR 19
MINIMUM DAILY 5 108 ON MAR 19
MAXIMUM INSTANTANEOUS
413 AT 22 00 EST ON APR 18

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 00 N
LONG 80 46 00 W
DRAINAGE AREA 5 680 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 24 900 | JUL | 294 000 |
| FEB | 15 000 | AUG | 302 000 |
| MAR | 18 800 | SEP | 199 000 |
| APR | 352 000 | OCT | 454 000 |
| MAY | 316 000 | NOV | 249 000 |
| JUN | 280 000 | DEC | 124 000 |

TOTAL DISCHARGE 2 530 000 dam³

## NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE - STATION NO 02EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.02 | 0.630B | 0.540B | 19.2 | 2.32 | 1.82 | 0.804 | 0.211 | 0.352 | 0.423 | 2.68 | 4.58 | 1 |
| 2 | 1.02 | 0.620B | 0.550B | 12.9 | 2.04 | 1.70 | 0.524 | 0.224 | 0.403 | 0.526 | 2.27 | 3.75 | 2 |
| 3 | 0.936 | 0.610B | 0.540B | 8.47 | 1.85 | 1.80 | 0.442 | 0.225 | 0.346 | 0.703 | 2.02 | 3.20 | 3 |
| 4 | 0.945 | 0.605B | 0.520B | 6.36 | 1.68 | 1.86 | 0.388 | 0.228 | 0.287 | 0.743 | 1.94 | 2.70 | 4 |
| 5 | 0.955 | 0.600B | 0.510B | 5.06 | 1.52 | 1.56 | 0.382 | 0.230 | 0.271 | 0.689 | 2.15 | 2.28 | 5 |
| 6 | 0.923 | 0.610B | 0.510B | 7.06 | 1.42 | 1.28 | 0.376 | 0.273 | 0.288 | 0.579 | 2.51 | 1.94 | 6 |
| 7 | 0.927 | 0.630B | 0.520B | 12.2 | 1.32 | 1.09 | 0.383 | 0.289 | 0.254 | 0.650 | 2.28 | 1.67 | 7 |
| 8 | 0.876 | 0.630B | 0.600B | 13.2 | 1.19 | 1.10 | 0.368 | 0.246 | 0.242 | 0.845 | 2.04 | 1.80 | 8 |
| 9 | 0.860B | 0.625B | 0.680B | 12.1 | 1.13 | 1.44 | 0.382 | 0.232 | 0.232 | 0.857 | 1.91 | 1.88 | 9 |
| 10 | 0.840B | 0.620B | 0.740B | 10.8 | 1.11 | 1.89 | 0.386 | 0.217 | 0.241 | 0.822 | 1.87 | 4.85 | 10 |
| 11 | 0.820B | 0.610B | 0.780B | 9.76 | 1.09 | 1.87 | 0.327 | 0.198 | 0.229 | 0.773 | 1.43 | 5.19 | 11 |
| 12 | 0.800B | 0.605B | 0.810B | 8.38 | 1.26 | 1.65 | 0.304 | 0.194 | 0.226 | 0.712 | 1.49 | 5.13 | 12 |
| 13 | 0.780B | 0.600B | 0.785B | 6.99 | 1.22 | 1.73 | 0.285 | 0.182 | 0.212 | 0.658 | 1.39 | 4.49 | 13 |
| 14 | 0.760B | 0.600B | 0.770B | 5.59 | 1.08 | 1.52 | 0.318 | 0.181 | 0.213 | 0.584 | 1.38 | 3.86 | 14 |
| 15 | 0.750B | 0.595B | 0.740B | 4.54 | 1.11 | 1.27 | 0.405 | 0.870 | 0.191 | 0.520 | 1.34 | 3.19 | 15 |
| 16 | 0.740B | 0.595B | 0.700B | 3.95 | 1.11 | 1.06 | 0.487 | 2.08 | 0.188 | 0.498 | 1.26 | 2.91 | 16 |
| 17 | 0.730B | 0.589B | 0.680B | 3.49 | 1.18 | 0.911 | 0.387 | 1.47 | 0.195 | 0.480 | 1.26 | 2.51 | 17 |
| 18 | 0.720B | 0.580B | 0.658B | 3.14 | 1.35 | 0.801 | 0.352 | 1.01 | 0.198 | 0.504 | 1.62 | 2.04 | 18 |
| 19 | 0.710B | 0.570B | 0.700B | 2.80 | 1.37 | 0.719 | 0.336 | 0.827 | 0.158 | 0.570 | 2.09 | 2.35 | 19 |
| 20 | 0.700B | 0.560B | 0.710B | 2.40 | 1.20 | 0.635 | 0.380 | 0.730 | 0.206 | 0.838 | 2.27 | 2.18 | 20 |
| 21 | 0.695B | 0.555B | 0.760B | 2.11 | 1.08 | 0.589 | 0.359 | 0.652 | 0.539 | 0.785 | 1.71 | 2.14 | 21 |
| 22 | 0.690B | 0.545B | 0.820B | 1.90 | 1.04 | 0.505 | 0.320 | 0.528 | 0.769 | 0.833 | 1.81 | 2.12 | 22 |
| 23 | 0.685B | 0.540B | 1.17 B | 1.80 | 1.08 | 0.485 | 0.310 | 0.417 | 0.620 | 0.836 | 1.74 | 2.16 | 23 |
| 24 | 0.680B | 0.538B | 2.00 B | 2.09 | 1.25 | 0.482 | 0.295 | 0.386 | 0.477 | 0.811 | 2.19 | 2.02 | 24 |
| 25 | 0.670B | 0.536B | 4.45 | 2.06 | 1.28 | 0.495 | 0.323 | 0.393 | 0.421 | 1.76 | 2.91 | 2.02 | 25 |
| 26 | 0.665B | 0.532B | 8.17 | 1.78 | 1.14 | 0.418 | 0.382 | 0.439 | 0.398 | 1.91 | 2.85 | 1.97 | 26 |
| 27 | 0.660B | 0.527B | 14.1 | 1.64 | 1.35 | 0.403 | 0.373 | 0.411 | 0.377 | 2.36 | 2.34 | 1.83 | 27 |
| 28 | 0.655B | 0.521B | 14.3 | 1.58 | 1.53 | 0.439 | 0.313 | 0.349 | 0.350 | 4.81 | 2.03 | 1.718 | 28 |
| 29 | 0.650B | | 14.5 | 2.36 | 1.44 | 0.459 | 0.278 | 0.300 | 0.346 | 3.79 | 2.10 | 1.858 | 29 |
| 30 | 0.640B | | 18.5 | 2.45 | 1.25 | 0.551 | 0.263 | 0.276 | 0.377 | 3.03 | 3.17 | 1.428 | 30 |
| 31 | 0.630B | | 23.3 | | 1.22 | | 0.246 | 0.298 | | 2.91 | | 1.348 | 31 |
| TOTAL | 24.140 | 16.376 | 115.181 | 178.58 | 41.21 | 32.125 | 11.228 | 14.564 | 9.585 | 36.380 | 59.63 | 83.29 | TOTAL |
| MEAN | 0.779 | 0.585 | 3.71 | 5.95 | 1.33 | 1.07 | 0.362 | 0.470 | 0.320 | 1.17 | 1.99 | 2.69 | MEAN |
| MAX | 1.02 | 0.630 | 23.3 | 19.2 | 2.32 | 1.89 | 0.804 | 2.08 | 0.769 | 4.81 | 3.17 | 5.19 | MAX |
| MIN | 0.630 | 0.521 | 0.510 | 1.64 | 1.04 | 0.403 | 0.246 | 0.181 | 0.158 | 0.423 | 1.28 | 1.34 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.70
MAXIMUM DAILY, 23.3 ON MAR 31
MINIMUM DAILY, 0.158 ON SEP 18
MAXIMUM INSTANTANEOUS,
24.0 AT 14:16 EST ON MAR 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 42 12 N
LONG 79 18 33 W
DRAINAGE AREA, 149 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 090 | JUL | 970 |
| FEB | 1 420 | AUG | 1 280 |
| MAR | 9 950 | SEP | 824 |
| APR | 15 400 | OCT | 3 140 |
| MAY | 3 560 | NOV | 5 150 |
| JUN | 2 780 | DEC | 7 200 |

TOTAL DISCHARGE, 53 700 dam³

## NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO 02EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.33 | 1.54 | 1.40 | 33.5 | 4.83 | 2.85 | 1.30 | 0.584 | 0.694 | 0.489 | 5.13 | 5.58 | 1 |
| 2 | 2.33 | 1.54 | 1.46 | 31.7 | 4.77 | 2.96 | 1.05 | 0.574 | 0.655 | 0.484 | 5.08 | 5.35 | 2 |
| 3 | 2.24 | 1.55 | 1.42 | 27.5 | 4.56 | 3.33 | 0.708 | 0.572 | 0.633 | 0.521 | 4.87 | 5.57 | 3 |
| 4 | 2.20 | 1.54 | 1.38 | 23.5 | 4.39 | 3.41 | 0.645 | 0.574 | 0.613 | 0.509 | 4.83 | 5.52 | 4 |
| 5 | 2.14 | 1.53 | 1.39 | 20.6 | 4.20 | 3.30 | 0.847 | 0.565 | 0.604 | 0.530 | 4.85 | 5.24 | 5 |
| 6 | 2.09 | 1.53 | 1.38 | 19.7 | 3.93 | 3.08 | 1.14 | 0.525 | 0.587 | 0.561 | 4.89 | 5.86 | 6 |
| 7 | 2.05 | 1.53 | 1.40 | 21.5 | 3.71 | 3.00 | 1.15 | 0.499 | 0.588 | 0.641 | 4.78 | 5.38 | 7 |
| 8 | 2.05 | 1.65 | 1.44 | 23.8 | 3.49 | 2.99 | 1.07 | 0.458 | 0.572 | 0.692 | 4.72 | 5.02 | 8 |
| 9 | 2.04 | 1.63 | 1.48 | 24.9 | 3.28 | 3.11 | 1.04 | 0.427 | 0.573 | 0.734 | 4.83 | 5.00 | 9 |
| 10 | 2.01 | 1.61 | 1.52 | 24.7 | 3.01 | 3.13 | 0.998 | 0.391 | 0.566 | 0.809 | 4.34 | 5.01 | 10 |
| 11 | 1.99 | 1.62 | 1.57 | 23.9 | 2.86 | 3.19 | 0.946 | 0.317 | 0.580 | 0.843 | 4.04 | 7.21 | 11 |
| 12 | 1.99 | 1.60 | 1.88 | 22.8 | 2.66 | 3.35 | 0.922 | 0.274 | 0.548 | 1.18 | 3.84 | 8.43 | 12 |
| 13 | 1.95 | 1.60 | 1.68 | 21.2 | 2.57 | 3.39 | 0.895 | 0.268 | 0.496 | 1.88 | 3.65 | 9.18 | 13 |
| 14 | 1.94 | 1.598 | 1.73 | 19.1 | 2.63 | 3.38 | 0.937 | 0.264 | 0.462 | 1.89 | 3.52 | 9.32 | 14 |
| 15 | 1.93 | 1.598 | 1.71 | 17.2 | 2.75 | 3.22 | 0.924 | 0.285 | 0.428 | 1.78 | 3.40 | 9.25 | 15 |
| 16 | 1.89 | 1.588 | 1.69 | 15.3 | 2.85 | 3.04 | 0.895 | 0.475 | 0.401 | 1.89 | 3.30 | 8.83 | 16 |
| 17 | 1.83 | 1.568 | 1.66 | 13.6 | 2.62 | 2.85 | 0.859 | 0.551 | 0.391 | 1.93 | 3.18 | 8.27 | 17 |
| 18 | 1.81 | 1.578 | 1.66 | 12.1 | 2.63 | 2.88 | 0.866 | 0.654 | 0.383 | 2.87 | 3.32 | 7.81 | 18 |
| 19 | 1.75 | 1.578 | 1.62 | 10.9 | 2.60 | 2.42 | 0.853 | 0.692 | 0.343 | 2.77 | 3.42 | 7.10 | 19 |
| 20 | 1.75 | 1.578 | 1.63 | 9.78 | 2.57 | 2.22 | 0.854 | 0.687 | 0.373 | 2.55 | 3.74 | 6.75 | 20 |
| 21 | 1.75 | 1.568 | 1.65 | 8.74 | 2.49 | 2.02 | 0.838 | 0.704 | 0.464 | 2.38 | 3.73 | 6.62 | 21 |
| 22 | 1.72 | 1.558 | 1.78 | 7.80 | 2.49 | 2.04 | 0.818 | 0.728 | 0.452 | 2.16 | 3.61 | 6.44 | 22 |
| 23 | 1.72 | 1.538 | 2.01 | 7.13 | 2.44 | 1.83 | 0.784 | 0.751 | 0.458 | 2.11 | 3.58 | 6.28 | 23 |
| 24 | 1.70 | 1.53 | 2.56 | 6.65 | 2.44 | 1.79 | 0.781 | 0.768 | 0.486 | 2.09 | 3.83 | 6.00 | 24 |
| 25 | 1.678 | 1.51 | 3.58 | 6.17 | 2.42 | 1.85 | 0.812 | 0.783 | 0.482 | 2.41 | 4.08 | 5.73 | 25 |
| 26 | 1.668 | 1.47 | 6.99 | 5.45 | 2.43 | 1.56 | 0.770 | 0.745 | 0.474 | 2.51 | 4.18 | 5.52 | 26 |
| 27 | 1.648 | 1.41 | 11.6 | 4.52 | 2.56 | 1.47 | 0.722 | 0.703 | 0.479 | 2.96 | 4.26 | 5.28 | 27 |
| 28 | 1.628 | 1.36 | 16.3 | 4.67 | 2.59 | 1.39 | 0.699 | 0.656 | 0.485 | 3.67 | 4.33 | 5.00 | 28 |
| 29 | 1.608 | | 20.7 | 4.74 | 2.54 | 1.36 | 0.674 | 0.618 | 0.484 | 4.26 | 4.33 | 4.86 | 29 |
| 30 | 1.598 | | 25.6 | 4.79 | 2.52 | 1.34 | 0.635 | 0.588 | 0.488 | 4.72 | 4.90 | 4.38 | 30 |
| 31 | 1.57 | | 31.6 | | 2.71 | | 0.610 | 0.673 | | 5.08 | | 4.13 | 31 |
| TOTAL | 58.55 | 43.43 | 156.26 | 477.92 | 94.05 | 77.39 | 27.352 | 17.443 | 15.228 | 59.773 | 124.33 | 200.80 | TOTAL |
| MEAN | 1.89 | 1.55 | 5.04 | 15.9 | 3.03 | 2.58 | 0.882 | 0.563 | 0.508 | 1.93 | 4.14 | 6.47 | MEAN |
| MAX | 2.33 | 1.65 | 31.6 | 33.5 | 4.83 | 3.41 | 1.30 | 0.784 | 0.694 | 5.08 | 5.13 | 9.32 | MAX |
| MIN | 1.57 | 1.36 | 1.38 | 4.52 | 2.42 | 1.34 | 0.610 | 0.258 | 0.343 | 0.489 | 3.18 | 4.13 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.70
MAXIMUM DAILY, 33.5 ON APR 1
MINIMUM DAILY, 0.258 ON AUG 13
MAXIMUM INSTANTANEOUS
33.9 AT 07:20 EST ON APR 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 10 N
LONG 79 22 43 W
DRAINAGE AREA 321 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 080 | JUL | 2 380 |
| FEB | 3 750 | AUG | 1 510 |
| MAR | 13 500 | SEP | 1 320 |
| APR | 41 300 | OCT | 5 160 |
| MAY | 8 130 | NOV | 10 700 |
| JUN | 6 890 | DEC | 17 300 |

TOTAL DISCHARGE 117 000 dam³

## NORTH SAUGEEN RIVER ABOVE CHESLEY - STATION NO 02FC014

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.78 | 2.688 | 2.938 | 9.44 | 4.45 | 2.37 | 1.82 | 1.22 | --- | --- | --- | --- | 1 |
| 2 | 3.73 | 2.858 | 3.088 | 9.06 | 4.17 | 3.08 | 1.54 | 1.33 | --- | --- | --- | --- | 2 |
| 3 | 3.67 | 2.718 | 3.298 | 8.35 | 3.82 | 4.30 | 1.56 | 1.34 | --- | --- | --- | --- | 3 |
| 4 | 3.408 | 2.988 | 3.428 | 7.86 | 3.57 | 4.12 | 1.58 | 1.39 | --- | --- | 2.33A | --- | 4 |
| 5 | 3.038 | 2.808 | 3.72 | 8.12 | 3.43 | 3.78 | 1.47 | 1.42 | --- | 1.89A | --- | --- | 5 |
| 6 | 3.14 | 2.718 | 3.79 | 8.40 | 3.27 | 3.23 | 1.58 | 1.33 | --- | --- | --- | --- | 6 |
| 7 | 3.34 | 2.888 | 4.46 | 9.09 | 3.34 | 2.82 | 1.94 | 1.34 | --- | 1.73A | --- | --- | 7 |
| 8 | 3.26 | 2.628 | 5.24 | 9.33 | 3.20 | 2.69 | 1.87 | 1.34 | --- | --- | --- | --- | 8 |
| 9 | 3.16 | 2.618 | 6.81 | 9.02 | 2.96 | 2.56 | 1.67 | 1.49 | --- | 1.93A | 4.00A | --- | 9 |
| 10 | 3.22 | 2.608 | 6.68 | 8.27 | 2.82 | 2.38 | 1.98 | 1.42 | --- | --- | --- | --- | 10 |
| 11 | 3.15 | 2.588 | 5.78 | 7.58 | 2.84 | 2.30 | 1.73 | 1.39 | --- | --- | --- | --- | 11 |
| 12 | 3.23 | 2.808 | 4.78 | 7.03 | 2.89 | 2.19 | 1.85 | 1.32 | --- | --- | --- | --- | 12 |
| 13 | 3.21 | 2.588 | 4.40 | 6.81 | 2.96 | 2.07 | 1.81 | 1.28 | --- | --- | --- | --- | 13 |
| 14 | 3.20 | 2.578 | 3.82 | 6.73 | 2.80 | 2.01 | 1.86 | 1.35 | --- | --- | --- | 4.05A | 14 |
| 15 | 3.27 | 2.568 | 3.67 | 6.52 | 2.92 | 1.88 | 1.71 | 2.02 | --- | --- | --- | --- | 15 |
| 16 | 3.30 | 2.548 | 3.42 | 6.36 | 2.77 | 1.78 | 1.78 | 2.04 | --- | --- | --- | --- | 16 |
| 17 | 3.188 | 2.528 | 3.38 | 6.22 | 2.63 | 1.68 | 1.86 | 2.32 | --- | --- | --- | --- | 17 |
| 18 | 2.988 | 2.508 | 3.50 | 8.00 | 2.58 | 1.52 | 1.54 | 1.80 | --- | --- | --- | --- | 18 |
| 19 | 2.928 | 2.528 | 3.98 | 5.80 | 2.52 | 1.52 | 1.58 | 1.71 | --- | --- | --- | --- | 19 |
| 20 | 2.908 | 2.548 | 4.41 | 5.26 | 2.48 | 1.47 | 1.88 | 1.58 | --- | --- | --- | --- | 20 |
| 21 | 2.878 | 2.508 | 5.03 | 5.32 | 2.49 | 1.45 | 2.15 | 1.45 | --- | --- | --- | --- | 21 |
| 22 | 2.838 | 2.488 | 5.82 | 5.03 | 2.85 | 1.71 | 2.45 | 1.41 | --- | --- | --- | --- | 22 |
| 23 | 2.818 | 2.428 | 6.45 | 4.91 | 2.81 | 1.81 | 2.07 | 1.37 | --- | --- | --- | --- | 23 |
| 24 | 2.808 | 2.398 | 7.02 | 4.73 | 2.75 | 1.77 | 1.79 | 1.27 | --- | --- | 2.27A | --- | 24 |
| 25 | 2.798 | 2.388 | 7.87 | 4.44 | 2.62 | 1.72 | 1.63 | 1.25 | --- | --- | --- | --- | 25 |
| 26 | 2.788 | 2.408 | 9.54 | 4.24 | 2.68 | 1.76 | 1.80 | 1.19 | --- | 2.31A | --- | --- | 26 |
| 27 | 2.778 | 2.508 | 9.75 | 4.32 | 2.76 | 1.88 | 1.38 | 1.18 | --- | --- | --- | --- | 27 |
| 28 | 2.768 | 2.648 | 9.90 | 4.63 | 2.79 | 1.82 | 1.26 | 1.21 | --- | --- | --- | --- | 28 |
| 29 | 2.788 | | 9.37 | 4.81 | 2.59 | 1.70 | 1.19 | 1.23 | --- | --- | --- | --- | 29 |
| 30 | 2.738 | | 10.0 | 4.85 | 2.32 | 1.74 | 1.17 | 1.21 | --- | --- | --- | --- | 30 |
| 31 | 2.708 | | 9.86 | | 2.13 | | 1.21 | 1.46 | | --- | --- | --- | 31 |
| TOTAL | 95.65 | 72.23 | 175.82 | 198.04 | 91.36 | 66.73 | 51.83 | 44.72 | --- | --- | --- | --- | TOTAL |
| MEAN | 3.09 | 2.58 | 5.67 | 6.60 | 2.95 | 2.22 | 1.67 | 1.44 | --- | --- | --- | --- | MEAN |
| MAX | 3.78 | 2.96 | 10.0 | 9.44 | 4.45 | 4.30 | 2.45 | 2.32 | --- | --- | --- | --- | MAX |
| MIN | 2.70 | 2.38 | 2.93 | 4.24 | 2.13 | 1.45 | 1.17 | 1.18 | --- | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 10.0 ON MAR 30

MAXIMUM INSTANTANEOUS,
11.4 AT 11 20 EST ON MAR 10

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 19 05 N
LONG 81 02 26 W
DRAINAGE AREA, 216 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 260 | JUL | 4 480 |
| FEB | 5 240 | AUG | 3 880 |
| MAR | 15 200 | SEP | --- |
| APR | 17 100 | OCT | --- |
| MAY | 7 900 | NOV | --- |
| JUN | 5 770 | DEC | --- |

REMARKS - STATION ACTIVATED DEC 4 1986 REPLACES STATION 02FC013 EQUIPMENT PROBLEMS FROM SEP 1987

## NORTH THAMES RIVER AT ST MARYS - STATION NO 02GD005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11.0 | 5.808 | 4.94 | 36.0 | 4.89 | 5.92 | 1.80 | 1.50 | 1.27 | 2.04 | 5.63 | 27.0 | 1 |
| 2 | 10.9 | 5.84 | 11.0 | 28.9 | 4.59 | 8.39 | 1.53 | 1.91 | 1.35 | 2.15 | 4.82 | 21.7 | 2 |
| 3 | 8.75 | 5.48 | 14.9 | 27.9 | 4.36 | 5.09 | 2.02 | 3.57 | 1.36 | 2.29 | 4.50 | 15.2 | 3 |
| 4 | 7.528 | 5.38 | 14.2 8 | 32.0 | 4.03 | 3.55 | 3.78 | 4.36 | 1.33 | 2.00 | 4.50 | 11.7 | 4 |
| 5 | 8.408 | 5.268 | 12.8 8 | 96.6 | 3.57 | 2.83 | 2.21 | 3.03 | 1.52 | 1.98 | 4.45 | 9.53 | 5 |
| 6 | 9.008 | 5.188 | 12.1 8 | 105 | 3.39 | 2.48 | 1.73 | 2.30 | 1.41 | 1.83 | 4.51 | 8.31 | 6 |
| 7 | 8.18 | 5.18 | 20.0 8 | 50.3 | 3.26 | 2.27 | 2.56 | 1.99 | 1.42 | 2.08 | 4.20 | 7.37 | 7 |
| 8 | 8.15 | 5.028 | 90.0 8 | 30.9 | 3.26 | 2.62 | 8.86 | 1.85 | 1.45 | 2.16 | 5.39 | 7.05 | 8 |
| 9 | 7.89 | 5.018 | 122 8 | 20.8 | 3.14 | 2.59 | 10.2 | 2.72 | 1.51 | 2.18 | 10.6 | 15.2 | 9 |
| 10 | 7.80 | 5.008 | 73.1 | 18.8 | 3.01 | 2.10 | 5.45 | 3.04 | 1.67 | 1.97 | 10.7 | 30.8 | 10 |
| 11 | 7.808 | 4.978 | 45.3 | 15.4 | 3.11 | 2.10 | 3.84 | 3.90 | 1.92 | 1.85 | 7.53 | 21.0 | 11 |
| 12 | 7.09 | 4.88 | 33.0 8 | 16.1 | 3.00 | 2.20 | 2.95 | 3.08 | 2.06 | 1.80 | 6.23 | 18.4 | 12 |
| 13 | 6.98 | 4.828 | 22.0 8 | 24.3 | 2.83 | 2.15 | 2.28 | 2.38 | 1.95 | 1.84 | 5.58 | 19.0 | 13 |
| 14 | 7.12 | 4.788 | 17.8 | 20.1 | 3.13 | 1.93 | 2.55 | 2.04 | 1.76 | 1.98 | 4.90 | 16.4 | 14 |
| 15 | 12.4 | 4.708 | 14.5 8 | 17.8 | 8.04 | 1.79 | 2.04 | 1.86 | 1.77 | 1.92 | 4.44 | 21.7 | 15 |
| 16 | 19.1 | 4.658 | 18.2 | 14.5 | 3.25 | 1.84 | 1.68 | 1.88 | 1.71 | 1.95 | 5.74 | 38.0 | 16 |
| 17 | 16.0 8 | 4.608 | 18.8 | 10.9 | 2.89 | 1.77 | 1.63 | 1.82 | 1.87 | 2.08 | 8.14 | 25.2 | 17 |
| 18 | 13.0 8 | 4.558 | 25.3 | 9.83 | 2.72 | 1.75 | 2.14 | 1.56 | 1.89 | 2.12 | 3.89 | 18.0 | 18 |
| 19 | 9.008 | 4.488 | 44.4 | 8.73 | 2.79 | 1.79 | 1.88 | 1.50 | 1.91 | 2.08 | 4.018 | 14.5 | 19 |
| 20 | 7.408 | 4.408 | 66.3 | 8.21 | 2.63 | 1.85 | 1.97 | 1.44 | 1.88 | 2.09 | 3.878 | 48.9 | 20 |
| 21 | 7.008 | 4.388 | 77.3 | 7.91 | 3.07 | 1.81 | 6.42 | 1.42 | 2.10 | 2.20 | 3.648 | 124 | 21 |
| 22 | 6.808 | 4.358 | 84.8 | 8.75 | 2.98 | 1.87 | 4.01 | 1.31 | 1.98 | 2.59 | 3.82 | 53.8 | 22 |
| 23 | 6.608 | 4.25 | 86.6 | 8.61 | 2.74 | 2.12 | 2.83 | 1.14 | 1.97 | 2.88 | 3.87 | 30.3 | 23 |
| 24 | 6.508 | 4.188 | 71.4 | 8.27 | 2.67 | 1.87 | 2.37 | 1.06 | 1.85 | 3.20 | 5.30 | 23.2 | 24 |
| 25 | 6.408 | 4.108 | 49.9 | 5.88 | 2.49 | 1.78 | 2.67 | 1.14 | 1.83 | 4.88 | 22.9 | 58.5 | 25 |
| 26 | 6.308 | 4.058 | 38.8 | 5.38 | 2.55 | 1.81 | 3.88 | 1.28 | 1.81 | 5.14 | 116 | 87.1 | 26 |
| 27 | 6.208 | 4.008 | 35.7 | 5.44 | 2.58 | 1.75 | 2.88 | 1.78 | 1.81 | 5.70 | 81.1 | 31.7 | 27 |
| 28 | 6.078 | 3.98 | 30.0 | 5.93 | 2.43 | 1.89 | 2.20 | 1.53 | 1.86 | 8.67 | 31.3 | 19.5 | 28 |
| 29 | 6.008 | | 17.3 | 5.65 | 2.19 | 1.76 | 1.93 | 1.37 | 1.86 | 8.52 | 23.2 | 12.7 8 | 29 |
| 30 | 5.958 | | 49.5 | 5.26 | 2.90 | 1.59 | 1.74 | 1.38 | 2.35 | 8.04 | 26.1 | 9.808 | 30 |
| 31 | 5.908 | | 80.3 | | 4.91 | | 1.48 | 1.40 | | 7.08 | | 9.108 | 31 |
| TOTAL | 285.11 | 133.14 | 1 270.44 | 551.14 | 100.88 | 74.63 | 94.88 | 82.08 | 52.53 | 99.67 | 406.97 | 843.57 | TOTAL |
| MEAN | 8.55 | 4.75 | 41.0 | 21.7 | 3.25 | 2.49 | 3.06 | 2.00 | 1.75 | 3.22 | 13.8 | 27.2 | MEAN |
| MAX | 19.1 | 5.80 | 122 | 105 | 8.04 | 8.39 | 10.2 | 4.36 | 2.35 | 8.52 | 116 | 124 | MAX |
| MIN | 5.80 | 3.98 | 4.94 | 5.26 | 2.19 | 1.59 | 1.48 | 1.06 | 1.27 | 1.80 | 3.84 | 7.08 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 124 ON DEC 21
MINIMUM DAILY, 1.06 ON AUG 24
MAXIMUM INSTANTANEOUS,
150 AT 06 27 EST ON DEC 21

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 43 15 18 N
LONG 81 06 43 W
DRAINAGE AREA 1 080 km²

B ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 23 900 | JUL | 8 200 |
| FEB | 11 500 | AUG | 8 380 |
| MAR | 110 000 | SEP | 4 540 |
| APR | 96 300 | OCT | 8 610 |
| MAY | 8 720 | NOV | 35 200 |
| JUN | 6 480 | DEC | 72 900 |

TOTAL DISCHARGE 351 000 dam³

## NORTH THAMES RIVER BELOW FANSHAWE DAM - STATION NO 02GD003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 15.9 | 6.91 | 5.17 | 55.6 | 5.31 | 4.38 | 2.54 | 2.67 | 2.01 | 1.75 | 7.41 | 23.8 | 1 |
| 2 | 14.9 | 6.87 | 8.53 | 40.5 | 5.52 | 16.0 | 2.52 | 2.74 | 2.07 | 1.74 | 7.31 | 28.4 | 2 |
| 3 | 14.3 | 7.17 | 18.3 | 35.4 | 8.88 | 11.8 | 2.50 | 2.68 | 2.07 | 1.72 | 7.26 | 26.3 | 3 |
| 4 | 11.8 | 6.94 | 20.2 | 39.0 | 5.31 | 7.18 | 2.42 | 2.69 | 2.09 | 1.69 | 7.34 | 16.7 | 4 |
| 5 | 10.1 | 6.60 | 18.8 | 86.4 | 5.19 | 7.19 | 2.38 | 2.69 | 2.05 | 1.76 | 7.29 | 9.48 | 5 |
| 6 | 11.1 | 6.27 | 17.6 | 156 | 5.38 | 7.15 | 2.37 | 2.87 | 2.03 | 1.91 | 6.55 | 8.73 | 6 |
| 7 | 12.1 | 6.28 | 27.1 | 88.6 | 5.56 | 5.74 | 2.38 | 2.83 | 2.04 | 1.71 | 3.97 | 10.1 | 7 |
| 8 | 11.4 | 6.33 | 113 | 49.3 | 4.49 | 5.76 | 2.41 | 2.91 | 2.07 | 1.72 | 4.38 | 10.1 | 8 |
| 9 | 10.5 | 5.83 | 169 | 32.1 | 3.50 | 5.05 | 8.39 | 2.93 | 2.09 | 1.72 | 5.08 | 15.4 | 9 |
| 10 | 9.99 | 5.16 | 113 | 23.8 | 3.74 | 2.92 | 5.52 | 2.87 | 2.05 | 1.68 | 5.11 | 23.0 | 10 |
| 11 | 10.2 | 5.37 | 87.1 | 20.3 | 3.80 | 2.93 | 4.75 | 2.88 | 2.11 | 1.70 | 6.58 | 25.9 | 11 |
| 12 | 9.89 | 5.62 | 44.8 | 19.5 | 3.75 | 3.04 | 4.57 | 2.94 | 1.99 | 1.73 | 7.63 | 25.7 | 12 |
| 13 | 9.17 | 5.63 | 31.9 | 27.1 | 3.66 | 3.04 | 4.26 | 2.96 | 2.01 | 1.72 | 7.47 | 25.2 | 13 |
| 14 | 9.00 | 5.32 | 24.8 | 28.3 | 3.88 | 3.05 | 6.85 | 2.89 | 2.01 | 1.88 | 7.43 | 24.7 | 14 |
| 15 | 11.4 | 4.98 | 20.5 | 23.6 | 4.22 | 3.06 | 5.36 | 2.88 | 1.94 | 2.02 | 7.45 | 20.3 | 15 |
| 16 | 21.9 | 4.86 | 19.8 | 20.5 | 5.12 | 3.12 | 6.68 | 2.87 | 1.91 | 2.34 | 7.41 | 45.3 | 16 |
| 17 | 21.8 | 4.78 | 21.0 | 16.6 | 4.80 | 3.13 | 5.67 | 2.86 | 1.82 | 2.32 | 7.48 | 46.0 | 17 |
| 18 | 18.1 | 4.83 | 25.1 | 13.9 | 4.87 | 3.00 | 3.50 | 2.83 | 1.85 | 2.41 | 7.29 | 34.4 | 18 |
| 19 | 14.8 | 4.98 | 39.6 | 12.2 | 4.71 | 2.70 | 3.42 | 2.74 | 1.93 | 2.43 | 7.48 | 21.6 | 19 |
| 20 | 9.94 | 4.75 | 84.5 | 11.0 | 4.68 | 2.77 | 2.80 | 2.87 | 1.91 | 2.44 | 7.29 | 23.3 | 20 |
| 21 | 10.6 | 4.71 | 81.1 | 8.66 | 4.44 | 2.78 | 2.52 | 2.59 | 1.88 | 2.43 | 7.07 | 80.9 | 21 |
| 22 | 10.2 | 4.78 | 89.9 | 7.97 | 3.62 | 2.94 | 2.61 | 1.98 | 1.91 | 2.43 | 6.95 | 109 | 22 |
| 23 | 9.94 | 4.78 | 93.5 | 8.26 | 3.08 | 2.98 | 3.08 | 2.02 | 1.85 | 2.47 | 6.57 | 94.5 | 23 |
| 24 | 9.71 | 4.76 | 81.2 | 7.56 | 2.92 | 3.01 | 2.60 | 2.10 | 1.90 | 2.44 | 6.15 | 71.7 | 24 |
| 25 | 9.22 | 4.85 | 64.7 | 6.87 | 2.99 | 3.02 | 2.57 | 2.04 | 1.87 | 2.42 | 6.25 | 58.8 | 25 |
| 26 | 9.60 | 4.84 | 49.6 | 6.98 | 3.08 | 3.09 | 2.91 | 2.80 | 1.85 | 2.46 | 39.9 | 78.2 | 26 |
| 27 | 8.65 | 4.78 | 40.2 | 7.15 | 2.97 | 3.15 | 2.81 | 2.57 | 1.83 | 6.65 | 108 | 72.3 | 27 |
| 28 | 7.11 | 4.77 | 29.5 | 7.20 | 3.01 | 3.13 | 2.73 | 1.92 | 1.83 | 7.22 | 101 | 53.9 | 28 |
| 29 | 7.49 | | 22.6 | 7.19 | 3.07 | 3.06 | 2.57 | 1.95 | 1.92 | 7.27 | 54.4 | 33.3 | 29 |
| 30 | 7.56 | | 31.5 | 6.01 | 2.81 | 2.82 | 1.97 | 1.75 | | 7.38 | 24.3 | 15.6 | 30 |
| 31 | 7.32 | | 84.5 | | 2.97 | | 2.69 | 2.39 | | 7.40 | | 11.8 | 31 |
| TOTAL | 342.69 | 153.46 | 1 635.90 | 873.55 | 131.23 | 132.69 | 115.74 | 80.93 | 58.64 | 87.75 | 495.78 | 1 156.61 | TOTAL |
| MEAN | 11.1 | 5.48 | 49.5 | 29.1 | 4.23 | 4.42 | 3.73 | 2.61 | 1.95 | 2.83 | 16.5 | 37.3 | MEAN |
| MAX | 21.9 | 7.17 | 169 | 156 | 8.88 | 16.0 | 8.52 | 2.96 | 2.11 | 7.40 | 108 | 109 | MAX |
| MIN | 5.22 | 4.71 | 5.17 | 6.01 | 2.81 | 2.55 | 2.37 | 1.92 | 1.75 | 1.68 | 3.97 | 9.48 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.2
MAXIMUM DAILY, 169 ON MAR 9
MINIMUM DAILY, 1.68 ON OCT 10
MAXIMUM INSTANTANEOUS,
190 AT 01 18 EST ON MAR 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 20 N
LONG 81 11 05 W
DRAINAGE AREA 1 480 km²

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 29 600 | JUL | 10 000 |
| FEB | 13 300 | AUG | 6 980 |
| MAR | 133 000 | SEP | 5 070 |
| APR | 75 500 | OCT | 7 580 |
| MAY | 11 300 | NOV | 42 800 |
| JUN | 11 500 | DEC | 99 900 |

TOTAL DISCHARGE, 447 000 dam³

## NORTH THAMES RIVER NEAR MITCHELL - STATION NO 02GD014

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.90 | 0.9808 | 1.358 | 12.8 | 0.833 | 0.197 | 0.032 | 0.113 | 0.025 | 0.061 | 1.70 | 14.7 | 1 |
| 2 | 2.85 | 1.00 B | 3.858 | 10.3 | 0.745 | 0.421 | 0.016 | 0.377 | 0.036 | 0.085 | 1.34 | 8.59 | 2 |
| 3 | 2.35 B | 1.02 B | 5.008 | 8.39 | 0.649 | 0.342 | 0.101 | 3.33 | 0.021 | 0.067 | 1.23 | 5.37 | 3 |
| 4 | 2.05 B | 1.00 B | 7.008 | 11.1 | 0.530 | 0.247 | 0.074 | 2.12 | 0.023 | 0.029 | 1.25 | 4.05 | 4 |
| 5 | 1.98 B | 0.9708 | 6.308 | 41.6 | 0.463 | 0.178 | 0.073 | 1.10 | 0.012 | 0.048 | 1.24 | 3.13 | 5 |
| 6 | 1.93 B | 0.9408 | 5.308 | 34.5 | 0.415 | 0.145 | 0.135 | 0.636 | 0.007 | 0.038 | 1.00 | 2.63 | 6 |
| 7 | 2.13 | 0.9708 | 7.308 | 15.5 | 0.343 | 0.136 | 2.14 | 0.435 | 0.006 | 0.067 | 0.801 | 2.23 | 7 |
| 8 | 1.82 | 1.00 B | 38.0 B | 8.24 | 0.317 | 0.135 | 13.1 | 0.354 | 0.007 | 0.080 | 1.25 | 2.11 | 8 |
| 9 | 1.80 | 0.9708 | 50.6 | 5.06 | 0.273 | 0.135 | 5.78 | 0.640 | 0.009 | 0.055 | 3.67 | 7.40 | 9 |
| 10 | 1.86 | 0.9408 | 29.4 | 3.73 | 0.277 | 0.106 | 2.71 | 2.46 | 0.005 | 0.044 | 3.57 | 12.5 | 10 |
| 11 | 1.83 | 0.9708 | 17.9 | 3.03 | 0.288 | 0.090 | 1.55 | 1.76 | 0.048 | 0.029 | 2.41 | 6.90 | 11 |
| 12 | 1.91 | 1.00 B | 11.4 | 3.15 | 0.264 | 0.129 | 0.902 | 1.02 | 0.058 | 0.027 | 1.91 | 6.22 | 12 |
| 13 | 1.92 | 0.9708 | 7.74 | 4.57 | 0.238 | 0.132 | 0.582 | 0.819 | 0.048 | 0.030 | 1.54 | 7.29 | 13 |
| 14 | 1.87 | 0.8408 | 5.91 | 3.74 | 0.239 | 0.158 | 0.574 | 0.426 | 0.035 | 0.051 | 1.23 | 6.19 | 14 |
| 15 | 3.01 | 0.9308 | 5.10 | 3.22 | 0.291 | 0.112 | 0.460 | 0.327 | 0.027 | 0.028 | 3.10 | 9.13 | 15 |
| 16 | 4.89 | 0.9108 | 5.41 | 2.74 | 0.246 | 0.059 | 0.376 | 0.288 | 0.019 | 0.020 | 1.08 | 14.4 | 16 |
| 17 | 4.00 B | 0.9008 | 5.80 | 2.33 | 0.210 | 0.033 | 0.291 | 0.243 | 0.070 | 0.060 | 0.709 | 8.13 | 17 |
| 18 | 3.00 B | 0.8908 | 9.40 | 1.92 | 0.279 | 0.013 | 0.225 | 0.213 | 0.070 | 0.073 | 0.696 | 5.79 | 18 |
| 19 | 2.25 B | 0.8708 | 18.4 | 1.58 | 0.291 | 0.009 | 0.167 | 0.169 | 0.044 | 0.051 | 0.755 | 4.69 | 19 |
| 20 | 1.80 B | 0.8608 | 29.9 | 1.36 | 0.257 | 0.010 | 5.18 | 0.133 | 0.043 | 0.054 | 0.7588 | 28.9 | 20 |
| 21 | 1.38 B | 0.8508 | 35.5 | 1.53 | 0.224 | 0 | 3.70 | 0.103 | 0.141 | 0.057 | 0.7008 | 49.0 | 21 |
| 22 | 1.23 B | 0.8408 | 40.4 | 1.59 | 0.204 | 0.044 | 1.76 | 0.089 | 0.072 | 0.095 | 0.6358 | 20.6 | 22 |
| 23 | 1.15 B | 0.8308 | 41.6 | 1.53 | 0.182 | 0.154 | 0.931 | 0.062 | 0.047 | 0.198 | 0.759 | 10.5 | 23 |
| 24 | 1.10 B | 0.8208 | 35.2 | 1.31 | 0.180 | 0.224 | 0.854 | 0.046 | 0.042 | 0.364 | 2.08 | 7.14 | 24 |
| 25 | 1.07 B | 0.8108 | 23.7 | 0.976 | 0.174 | 0.175 | 1.49 | 0.044 | 0.018 | 1.38 | 18.2 | 36.1 | 25 |
| 26 | 1.03 B | 0.8008 | 19.8 | 0.866 | 0.178 | 0.139 | 1.14 | 0.047 | 0.013 | 1.67 | 83.4 | 25.3 | 26 |
| 27 | 1.00 B | 0.8708 | 9.48 | 0.987 | 0.168 | 0.112 | 0.562 | 0.096 | 0.015 | 1.76 | 26.9 | 10.8 | 27 |
| 28 | 0.9928 | 0.9808 | 8.24 | 1.24 | 0.145 | 0.082 | 0.372 | 0.139 | 0.031 | 4.61 | 13.4 | 5.92 | 28 |
| 29 | 0.9808 | | 6.16 | 1.16 | 0.180 | 0.055 | 0.267 | 0.047 | 0.078 | 3.23 | 10.4 | 3.808 | 29 |
| 30 | 0.9708 | | 24.1 | 0.994 | 0.107 | 0.065 | 0.180 | 0.025 | 0.089 | 2.58 | 12.3 | 2.758 | 30 |
| 31 | 0.9608 | | 20.9 | | 0.163 | | 0.138 | 0.032 | | 2.53 | | 2.508 | 31 |
| TOTAL | 58.212 | 25.830 | 536.94 | 192.343 | 9.353 | 3.838 | 45.842 | 17.504 | 1.182 | 20.472 | 178.213 | 334.76 | TOTAL |
| MEAN | 1.88 | 0.923 | 17.3 | 6.41 | 0.302 | 0.128 | 1.47 | 0.565 | 0.039 | 0.660 | 5.94 | 10.8 | MEAN |
| MAX | 4.89 | 1.02 | 50.8 | 41.6 | 0.833 | 0.421 | 13.1 | 3.33 | 0.141 | 4.61 | 83.4 | 49.0 | MAX |
| MIN | 0.960 | 0.800 | 1.35 | 0.866 | 0.107 | 0 | 0.016 | 0.025 | 0.005 | 0.020 | 0.635 | 2.11 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.90
MAXIMUM DAILY, 83.4 ON NOV 26
MINIMUM DAILY, 0 ON JUN 21
MAXIMUM INSTANTANEOUS
86.6 AT 03 00 EST ON NOV 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 27 00 N
LONG 81 12 20 W
DRAINAGE AREA 319 km²

B ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 030 | JUL | 3 940 |
| FEB | 2 230 | AUG | 1 510 |
| MAR | 48 400 | SEP | 100 |
| APR | 16 500 | OCT | 1 770 |
| MAY | 808 | NOV | 15 400 |
| JUN | 332 | DEC | 28 900 |

TOTAL DISCHARGE 123 000 dam³

## NORTH THAMES RIVER NEAR THORNDALE - STATION NO. 02GD015

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.4 | 5.80B | 8.50B | 50.5 | 5.88 | 6.19 | 1.89 | 1.75 | 1.62 | 2.23 | 7.06 | 35.6 | 1 |
| 2 | 14.0 | 5.70B | 14.0 B | 40.3 | 5.38 | 17.6 | 1.87 | 1.85 | 1.80 | 2.21 | 5.87 | 30.7 | 2 |
| 3 | 13.0 | 5.60B | 18.5 B | 36.9 | 5.07 | 8.12 | 1.94 | 3.89 | 1.62 | 2.47 | 5.02 | 20.1 | 3 |
| 4 | 10.0 B | 5.50B | 17.8 B | 42.9 | 4.84 | 5.54 | 4.24 | 4.89 | 1.65 | 2.23 | 4.85 | 15.9 | 4 |
| 5 | 10.2 B | 5.40B | 16.6 B | 105 | 4.27 | 4.23 | 2.96 | 3.80 | 1.59 | 2.00 | 4.47 | 13.3 | 5 |
| 6 | 11.3 B | 5.30B | 15.6 B | 124 | 4.07 | 3.53 | 2.35 | 2.98 | 1.62 | 2.07 | 4.83 | 11.5 | 6 |
| 7 | 11.7 | 5.25B | 40.0 B | 89.8 | 3.98 | 3.20 | 2.52 | 2.45 | 1.56 | 2.12 | 4.29 | 10.3 | 7 |
| 8 | 10.8 | 5.20B | 105 B | 43.4 | 3.80 | 3.06 | 8.99 | 2.19 | 1.62 | 2.21 | 5.45 | 9.83 | 8 |
| 9 | 10.3 | 5.15B | 147 | 28.5 | 3.67 | 3.56 | 13.1 | 2.89 | 1.65 | 2.20 | 13.5 | 18.7 | 9 |
| 10 | 10.1 | 5.10B | 84.9 | 21.8 | 3.57 | 3.87 | 7.31 | 3.71 | 1.65 | 2.07 | 14.3 | 46.1 | 10 |
| 11 | 10.2 | 5.00B | 59.8 | 19.8 | 3.65 | 2.61 | 4.71 | 4.40 | 1.98 | 2.05 | 10.3 | 29.9 | 11 |
| 12 | 9.77 | 4.95B | 43.0 | 20.0 | 3.58 | 2.73 | 3.46 | 3.70 | 2.52 | 1.91 | 8.08 | 24.4 | 12 |
| 13 | 8.97 | 4.90B | 28.7 | 33.0 | 3.55 | 2.81 | 2.78 | 2.95 | 2.36 | 1.88 | 6.90 | 25.3 | 13 |
| 14 | 9.25 | 4.80B | 23.4 | 27.0 | 3.45 | 2.41 | 2.65 | 2.51 | 2.14 | 1.98 | 5.97 | 21.2 | 14 |
| 15 | 15.1 | 4.75B | 19.5 | 22.5 | 8.43 | 2.23 | 2.76 | 2.22 | 2.04 | 2.04 | 5.00 | 27.8 | 15 |
| 16 | 25.6 | 4.70B | 20.6 | 19.2 | 4.05 | 2.19 | 2.01 | 1.97 | 1.98 | 2.04 | 6.43 | 58.7 | 16 |
| 17 | 19.0 B | 4.57B | 23.0 | 14.9 | 3.00 | 2.07 | 1.87 | 1.85 | 2.07 | 2.09 | 4.85 | 38.8 | 17 |
| 18 | 15.0 B | 4.53B | 30.2 | 13.0 | 2.87 | 2.00 | 2.26 | 1.80 | 2.17 | 2.10 | 4.25 | 25.7 | 18 |
| 19 | 11.0 B | 4.50B | 51.8 | 11.6 | 3.06 | 1.94 | 1.99 | 1.79 | 2.16 | 2.08 | 4.00 | 20.7 | 19 |
| 20 | 8.80B | 4.45B | 73.2 | 10.6 | 2.89 | 1.89 | 1.80 | 1.86 | 2.19 | 2.10 | 4.09 | 54.5 | 20 |
| 21 | 7.80B | 4.43B | 83.3 | 9.95 | 3.02 | 1.82 | 8.12 | 1.70 | 2.28 | 2.23 | 3.98 | 150 | 21 |
| 22 | 7.40B | 4.41B | 88.7 | 8.87 | 2.99 | 1.97 | 5.03 | 1.71 | 2.38 | 2.35 | 3.90 | 81.9 | 22 |
| 23 | 7.10B | 4.40B | 91.5 | 8.61 | 2.86 | 2.38 | 3.38 | 1.54 | 2.28 | 2.79 | 3.93 | 47.6 | 23 |
| 24 | 6.90B | 4.45B | 80.6 | 8.21 | 2.68 | 2.19 | 2.71 | 1.45 | 2.13 | 3.16 | 8.10 | 32.5 | 24 |
| 25 | 6.70B | 4.50B | 62.4 | 7.29 | 2.60 | 1.99 | 2.62 | 1.46 | 2.05 | 4.58 | 26.2 | 72.3 | 25 |
| 26 | 6.50B | 4.60B | 49.3 | 6.80 | 2.64 | 2.05 | 3.78 | 1.64 | 1.95 | 5.60 | 137 | 91.5 | 26 |
| 27 | 6.40B | 4.80B | 40.2 | 6.58 | 2.72 | 2.02 | 3.56 | 2.03 | 1.84 | 8.20 | 86.7 | 48.7 | 27 |
| 28 | 6.20B | 5.00B | 25.3 | 7.31 | 2.67 | 1.95 | 2.76 | 2.05 | 1.79 | 9.35 | 46.3 | 28.7 | 28 |
| 29 | 6.10B | | 22.1 | 7.05 | 2.58 | 1.89 | 2.34 | 1.80 | 1.86 | 11.2 | 31.5 | 17.6 B | 29 |
| 30 | 6.00B | | 46.2 | 6.43 | 2.50 | 1.82 | 2.02 | 1.64 | 2.35 | 9.84 | 35.5 | 12.0 B | 30 |
| 31 | 5.90B | | 79.3 | | 7.88 | | 1.87 | 1.62 | | 9.14 | | 11.7 B | 31 |
| TOTAL | 321.49 | 137.74 | 1 513.00 | 831.41 | 115.98 | 101.95 | 106.56 | 73.39 | 58.62 | 108.50 | 509.85 | 1 133.42 | TOTAL |
| MEAN | 10.4 | 4.92 | 48.8 | 27.7 | 3.74 | 3.40 | 3.44 | 2.37 | 1.95 | 3.50 | 17.0 | 36.6 | MEAN |
| MAX | 25.6 | 5.80 | 147 | 124 | 7.88 | 17.6 | 13.1 | 4.89 | 2.52 | 11.2 | 137 | 150 | MAX |
| MIN | 5.90 | 4.40 | 8.50 | 6.43 | 2.50 | 1.82 | 1.87 | 1.45 | 1.55 | 1.88 | 3.90 | 9.82 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 13.7
MAXIMUM DAILY, 150 ON DEC 21
MINIMUM DAILY, 1.45 ON AUG 24
MAXIMUM INSTANTANEOUS,
178 AT 03:00 EST ON MAR 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 57 N
LONG 81 11 30 W
DRAINAGE AREA 1 340 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 37 800 | JUL | 9 210 |
| FEB | 11 900 | AUG | 6 340 |
| MAR | 131 000 | SEP | 5 080 |
| APR | 71 800 | OCT | 9 370 |
| MAY | 10 000 | NOV | 44 100 |
| JUN | 8 810 | DEC | 97 900 |

TOTAL DISCHARGE, 433 000 dam³

## NORTH WEST GANARASKA RIVER NEAR OSACA - STATION NO. 02HD004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.570 | 0.330B | 1.00 B | 1.02 | 0.406 | 0.352 | 0.262 | 0.256 | 0.354 | 0.356 | 0.331 | 0.673 | 1 |
| 2 | 0.554 | 0.328B | 1.50 B | 1.16 | 0.390 | 0.343 | 0.265 | 0.284 | 0.294 | 0.346 | 0.336 | 0.535 | 2 |
| 3 | 0.518 | 0.385B | 0.700B | 1.16 | 0.378 | 0.317 | 0.289 | 0.325 | 0.281 | 0.341 | 0.385 | 0.441 | 3 |
| 4 | 0.502B | 0.328B | 0.600B | 2.16 | 0.373 | 0.312 | 0.354 | 0.272 | 0.317 | 0.318 | 0.378 | 0.415 | 4 |
| 5 | 0.505B | 0.321B | 0.530B | 2.76 | 0.372 | 0.314 | 0.280 | 0.258 | 0.273 | 0.312 | 0.334 | 0.389 | 5 |
| 6 | 0.511 | 0.320B | 0.500B | 1.44 | 0.350 | 0.306 | 0.275 | 0.247 | 0.271 | 0.306 | 0.296 | 0.336B | 6 |
| 7 | 0.505 | 0.319B | 0.440B | 0.989 | 0.345 | 0.376 | 0.287 | 0.236 | 0.269 | 0.389 | 0.288 | 0.289B | 7 |
| 8 | 0.481 | 0.319B | 1.65 B | 0.785 | 0.338 | 0.478 | 0.367 | 0.281 | 0.552 | 0.490 | 0.542 | 0.379 | 8 |
| 9 | 0.473 | 0.362B | 1.05 B | 0.682 | 0.334 | 0.375 | 0.433 | 0.401 | 0.587 | 0.358 | 0.660 | 0.451 | 9 |
| 10 | 0.483 | 0.365B | 0.850B | 0.621 | 0.345 | 0.316 | 0.271 | 0.394 | 0.334 | 0.315 | 0.413 | 0.548 | 10 |
| 11 | 0.474 | 0.318B | 0.642B | 0.574 | 0.333 | 0.284 | 0.303 | 0.284 | 0.330 | 0.288 | 0.354 | 0.429 | 11 |
| 12 | 0.484 | 0.315B | 0.427B | 0.590 | 0.345 | 0.455 | 0.282 | 0.259 | 0.326 | 0.299 | 0.352 | 0.511 | 12 |
| 13 | 0.494 | 0.312B | 0.410B | 0.644 | 0.329 | 0.766 | 0.250 | 0.258 | 0.317 | 0.289 | 0.337 | 0.442 | 13 |
| 14 | 0.487 | 0.309B | 0.420B | 0.525 | 0.335 | 0.383 | 0.390 | 0.258 | 0.375 | 0.298 | 0.348 | 0.416 | 14 |
| 15 | 0.529 | 0.307B | 0.440B | 0.554 | 0.475 | 0.299 | 0.318 | 0.251 | 0.311 | 0.290 | 0.332 | 0.486 | 15 |
| 16 | 0.518B | 0.306B | 0.500B | 0.506 | 0.362 | 0.270 | 0.280 | 0.254 | 0.297 | 0.298 | 0.329 | 0.798 | 16 |
| 17 | 0.470B | 0.303B | 0.517 | 0.495 | 0.337 | 0.270 | 0.255 | 0.276 | 0.307 | 0.328 | 0.347 | 0.514B | 17 |
| 18 | 0.450B | 0.302B | 0.754 | 0.484 | 0.341 | 0.286 | 0.250 | 0.288 | 0.448 | 0.460 | 0.530 | 0.382B | 18 |
| 19 | 0.430B | 0.301B | 0.868 | 0.435 | 0.332 | 0.262 | 0.261 | 0.262 | 0.380 | 0.332 | 0.385 | 0.403 | 19 |
| 20 | 0.410B | 0.300B | 0.867 | 0.416 | 0.344 | 0.265 | 0.384 | 0.258 | 0.473 | 0.303 | 0.313B | 1.05 | 20 |
| 21 | 0.395B | 0.298B | 0.912 | 0.433 | 0.322 | 0.282 | 0.278 | 0.281 | 0.493 | 0.306 | 0.231B | 1.03 | 21 |
| 22 | 0.388B | 0.298B | 1.03 | 0.404 | 0.466 | 0.307 | 0.247 | 0.302 | 0.409 | 0.312 | 0.289B | 0.830 | 22 |
| 23 | 0.378B | 0.298B | 0.997 | 0.412 | 0.399 | 0.312 | 0.236 | 0.245 | 0.327 | 0.720 | 0.310 | 0.520 | 23 |
| 24 | 0.370B | 0.298B | 0.947 | 0.415 | 0.358 | 0.287 | 0.234 | 0.241 | 0.300 | 0.432 | 0.335 | 0.488 | 24 |
| 25 | 0.365B | 0.298B | 0.906 | 0.383 | 0.349 | 0.270 | 0.239 | 0.245 | 0.287 | 0.473 | 0.412 | 0.851 | 25 |
| 26 | 0.355B | 0.298B | 1.12 | 0.374 | 0.361 | 0.395 | 0.235 | 0.256 | 0.283 | 0.357 | 0.812 | 0.894 | 26 |
| 27 | 0.350B | 0.298B | 0.873 | 0.409 | 0.389 | 0.333 | 0.220 | 0.248 | 0.289 | 0.419 | 0.424 | 0.445B | 27 |
| 28 | 0.345B | 0.420B | 0.733 | 0.582 | 0.507 | 0.283 | 0.223 | 0.260 | 0.369 | 0.437 | 0.385 | 0.370B | 28 |
| 29 | 0.340B | | 0.726 | 0.486 | 0.505 | 0.305 | 0.223 | 0.320 | 0.331 | 0.357 | 1.79 | 0.342B | 29 |
| 30 | 0.338B | | 1.59 | 0.459 | 0.344 | 0.280 | 0.240 | 0.310 | 0.319 | 0.353 | 1.31 | 0.313B | 30 |
| 31 | 0.332B | | 1.51 | | 0.313 | | 0.216 | 0.369 | | 0.342 | | 0.289B | 31 |
| TOTAL | 13.805 | 8.956 | 26.513 | 22.371 | 11.477 | 10.023 | 8.669 | 8.516 | 10.523 | 11.236 | 13.706 | 15.851 | TOTAL |
| MEAN | 0.445 | 0.320 | 0.855 | 0.746 | 0.370 | 0.334 | 0.280 | 0.275 | 0.351 | 0.362 | 0.457 | 0.511 | MEAN |
| MAX | 0.570 | 0.420 | 1.59 | 2.76 | 0.507 | 0.766 | 0.433 | 0.401 | 0.587 | 0.720 | 1.79 | 1.05 | MAX |
| MIN | 0.332 | 0.298 | 0.410 | 0.374 | 0.313 | 0.262 | 0.216 | 0.236 | 0.269 | 0.288 | 0.231 | 0.289 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.443
MAXIMUM DAILY, 2.76 ON APR 5
MINIMUM DAILY, 0.216 ON JUL 31
MAXIMUM INSTANTANEOUS,
4.47 AT 21:48 EST ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 01 04 N
LONG 78 26 23 W
DRAINAGE AREA 42.7 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 380 | JUL | 768 |
| FEB | 774 | AUG | 744 |
| MAR | 2 280 | SEP | 909 |
| APR | 1 930 | OCT | 871 |
| MAY | 992 | NOV | 1 180 |
| JUN | 866 | DEC | 1 370 |

TOTAL DISCHARGE, 14 000 dam³

## NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA - STATION NO 05PD022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0E | --- | 0 E | 0.008 | 0.001 | 0.005 | 0 | 0 | 0 | 0 | 0 | --- | 1 |
| 2 | --- | --- | 0 E | 0.006 | 0.001 | 0.005 | 0 | 0 | 0 | 0 | 0 | --- | 2 |
| 3 | --- | --- | 0 E | 0.005 | 0.001 | 0.004 | 0 | 0 | 0 | 0 | --- | --- | 3 |
| 4 | --- | --- | 0 A | 0.005 | 0.001 | 0.004 | 0 | 0 | 0 | 0 | --- | --- | 4 |
| 5 | --- | --- | 0 A | 0.011 | 0.001 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | 5 |
| 6 | --- | --- | 0 E | 0.018 | 0.001 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 6 |
| 7 | --- | --- | 0 E | 0.021 | 0 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 7 |
| 8 | --- | --- | 0 E | 0.019 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 8 |
| 9 | --- | --- | 0 E | 0.015 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 9 |
| 10 | --- | --- | 0 E | 0.012 | 0 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 10 |
| 11 | --- | --- | 0 E | 0.011 | 0 | 0.020 | 0 | 0.001 | 0 | 0 | 0A | --- | 11 |
| 12 | --- | --- | 0 E | 0.009 | 0 A | 0.014 | 0 | 0.001 | 0 | 0 | --- | --- | 12 |
| 13 | --- | --- | 0 E | 0.008 | 0.001A | 0.008 | 0 | 0 | 0 | 0 | --- | --- | 13 |
| 14 | --- | --- | 0 E | 0.006 | 0.001A | 0.004 | 0 | 0 | 0 | 0 | --- | --- | 14 |
| 15 | --- | --- | 0 E | 0.006 | 0.001 | 0.002 | 0 | 0 | 0 | 0 | --- | --- | 15 |
| 16 | --- | 0A | 0 E | 0.005 | 0.001 | 0.002 | 0 | 0.001 | 0 | 0 | 0A | --- | 16 |
| 17 | --- | --- | 0 A | 0.005 | 0.001 | 0.001 | 0 | 0 | 0 | 0 | --- | 0A | 17 |
| 18 | --- | --- | 0 E | 0.005 | 0.001 | 0.001 | 0 | 0 | 0 | 0 | --- | --- | 18 |
| 19 | 0A | --- | 0 E | 0.004 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 19 |
| 20 | --- | --- | 0.002E | 0.004 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 20 |
| 21 | --- | --- | 0.008E | 0.004 | 0.016 | 0 | 0 | 0 | 0 | 0 | --- | --- | 21 |
| 22 | --- | --- | 0.011E | 0.003 | 0.029 | 0 | 0 | 0 | 0 | 0 | --- | --- | 22 |
| 23 | --- | --- | 0.043E | 0.003 | 0.017 | 0 | 0 | 0 | 0 | 0 | --- | --- | 23 |
| 24 | --- | --- | 0.089 | 0.002 | 0.011 | 0 | 0 | 0 | 0 | 0 | 0A | --- | 24 |
| 25 | --- | --- | 0.088 | 0.002 | 0.007 | 0 | 0 | 0 | 0 | 0 | --- | --- | 25 |
| 26 | --- | --- | 0.051 | 0.002 | 0.014 | 0 | 0 | 0 | 0 | 0 | --- | --- | 26 |
| 27 | --- | --- | 0.041 | 0.002 | 0.017 | 0 | 0 | 0 | 0 | 0 | --- | --- | 27 |
| 28 | --- | --- | 0.039 | 0.002 | 0.014 | 0 | 0 | 0 | 0 | 0 | --- | --- | 28 |
| 29 | --- | | 0.036 | 0.001 | 0.009 | 0 | 0 | 0 | 0 | 0 | --- | --- | 29 |
| 30 | --- | | 0.029 | 0.001 | 0.006 | 0 | 0 | 0 | 0 | 0 | --- | --- | 30 |
| 31 | --- | | 0.013 | | 0.004 | | 0 | 0 | | 0 | | 0E | 31 |
| TOTAL | --- | --- | 0.429 | 0.205 | 0.155 | 0.080 | 0 | 0.003 | 0 | 0 | --- | --- | TOTAL |
| MEAN | --- | --- | 0.014 | 0.007 | 0.005 | 0.003 | 0 | 0 | 0 | 0 | --- | --- | MEAN |
| MAX | --- | --- | 0.089 | 0.021 | 0.029 | 0.020 | 0 | 0.001 | 0 | 0 | --- | --- | MAX |
| MIN | --- | --- | 0 | 0.001 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | MIN |

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.029 ON MAY 22
MINIMUM DAILY, 0 ON MAY 7
MAXIMUM INSTANTANEOUS,
0.118 ON MAR 24

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 57 N
LONG 93 43 40 W
DRAINAGE AREA, 0.56 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0 |
| FEB | --- | AUG | 0.26 |
| MAR | 27.1 | SEP | 0 |
| APR | 17.8 | OCT | 0 |
| MAY | 13.5 | NOV | --- |
| JUN | 8.91 | DEC | --- |

TOTAL DISCHARGE, 38.5 dam³

## NOTTAWASAGA RIVER NEAR BAXTER - STATION NO 02ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.84 | 6.558 | 7.208 | 31.2 E | 9.26 | 5.84 | 5.42 | 2.20 | 3.42 | 5.06 | 5.73 | 20.8 | 1 |
| 2 | 5.74 | 6.658 | 10.0 B | 30.3 E | 8.69 | 9.08 | 4.75 | 3.42 | 3.38 | 4.87 | 5.55 | 17.6 | 2 |
| 3 | 5.22 | 6.708 | 15.2 B | 29.4 E | 8.17 | 7.67 | 4.78 | 5.35 | 3.28 | 4.46 | 5.54 | 14.2 | 3 |
| 4 | 5.808 | 6.658 | 15.0 B | 28.3 E | 7.79 | 6.85 | 7.06 | 4.26 | 3.05 | 4.24 | 5.75 | 11.9 | 4 |
| 5 | 10.0 B | 6.808 | 14.7 B | 71.1 A | 7.54 | 5.85 | 5.35 | 3.67 | 2.89 | 4.09 | 5.80 | 10.7 | 5 |
| 6 | 10.0 B | 6.658 | 13.8 B | 106 A | 7.29 | 5.50 | 4.73 | 3.41 | 2.85 | 3.95 | 5.80 | 9.12 | 6 |
| 7 | 10.0 B | 6.808 | 18.0 B | 71.9 E | 7.00 | 5.73 | 4.46 | 3.33 | 2.84 | 4.21 | 6.04 | 7.54 | 7 |
| 8 | 9.758 | 6.758 | 37.0 B | 56.0 E | 6.95 | 7.26 | 4.63 | 3.58 | 2.85 | 5.35 | 6.83 | 7.95 | 8 |
| 9 | 9.408 | 6.708 | 87.0 B | 38.3 A | 6.62 | 6.53 | 7.84 | 3.91 | 2.95 | 5.57 | 9.37 | 10.5 | 9 |
| 10 | 9.14 | 6.658 | 82.0 B | 30.7 | 6.39 | 5.74 | 6.97 | 5.76 | 2.96 | 4.97 | 8.93 | 26.8 | 10 |
| 11 | 8.88 | 6.608 | 44.0 B | 22.3 | 6.26 | 5.28 | 5.50 | 5.65 | 2.85 | 4.50 | 7.22 | 24.9 | 11 |
| 12 | 8.29 | 6.508 | 37.0 B | 17.8 | 6.33 | 5.31 | 5.28 | 4.76 | 2.94 | 4.36 | 6.40 | 17.6 | 12 |
| 13 | 8.04 | 6.438 | 32.0 B | 17.5 | 6.26 | 20.9 | 5.50 | 3.87 | 3.05 | 4.28 | 6.07 | 15.3 | 13 |
| 14 | 8.02 | 6.408 | 26.0 B | 16.8 | 6.35 | 30.1 | 7.39 | 3.58 | 3.08 | 4.23 | 5.90 | 13.3 | 14 |
| 15 | 8.80 | 6.338 | 21.5 | 18.4 | 7.54 | 10.8 | 12.0 | 3.39 | 2.87 | 4.11 | 5.83 | 11.8 | 15 |
| 16 | 8.88 | 6.308 | 17.4 | 19.9 | 7.34 | 7.52 | 9.62 | 3.34 | 2.82 | 4.06 | 5.43 | 10.8 B | 16 |
| 17 | 7.89 | 6.308 | 16.4 | 16.7 | 6.27 | 6.87 | 6.60 | 3.67 | 3.22 | 3.96 | 5.42 | 10.3 B | 17 |
| 18 | 7.858 | 6.358 | 16.5 | 14.9 | 6.94 | 6.06 | 6.06 | 3.57 | 3.38 | 4.07 | 5.89 | 9.808 | 18 |
| 19 | 7.758 | 6.408 | 18.5 | 13.7 | 6.89 | 6.66 | 6.44 | 3.20 | 3.84 | 4.24 | 5.89 | 9.758 | 19 |
| 20 | 7.608 | 6.478 | 21.4 | 12.7 | 6.03 | 6.37 | 6.37 | 3.01 | 4.13 | 4.32 | 5.99 | 9.708 | 20 |
| 21 | 7.508 | 6.558 | 23.8 | 11.8 | 6.23 | 6.33 | 6.13 | 2.99 | 4.91 | 4.26 | 5.91 | 15.1 | 21 |
| 22 | 7.408 | 6.808 | 27.7 | 10.5 | 7.77 | 6.33 | 5.06 | 2.83 | 5.81 | 4.29 | 5.858 | 15.9 | 22 |
| 23 | 7.258 | 6.658 | 33.1 | 10.4 | 8.21 | 12.7 | 4.30 | 2.50 | 4.83 | 4.55 | 5.658 | 14.1 | 23 |
| 24 | 7.158 | 6.658 | 34.9 | 10.5 | 8.03 | 8.78 | 3.81 | 2.63 | 4.08 | 5.11 | 7.06 | 12.3 | 24 |
| 25 | 7.008 | 6.708 | 34.4 | 9.88 | 7.11 | 6.53 | 3.83 | 2.48 | 3.78 | 7.24 | 8.44 | 14.1 | 25 |
| 26 | 6.808 | 6.658 | 38.6 E | 9.31 | 6.84 | 4.88 | 3.54 | 2.44 | 3.52 | 7.85 | 10.0 B | 22.0 | 26 |
| 27 | 6.708 | 6.808 | 38.6 E | 9.06 | 7.88 | 4.90 | 3.14 | 2.57 | 3.43 | 8.88 | 9.408 | 18.0 B | 27 |
| 28 | 6.658 | 6.708 | 26.3 E | 9.92 | 7.88 | 4.59 | 2.91 | 2.46 | 3.87 | 8.92 | 8.83 | 12.0 B | 28 |
| 29 | 6.808 | | 21.0 E | 10.5 | 6.61 | 7.58 | 2.83 | 2.97 | 4.51 | 8.21 | 10.5 | 10.3 B | 29 |
| 30 | 6.558 | | 19.7 E | 9.98 | 5.76 | 5.97 | 2.51 | 3.00 | 4.87 | 8.81 | 18.8 | 9.108 | 30 |
| 31 | 6.508 | | 22.2 E | | 5.18 | | 2.35 | 3.20 | | 8.12 | | 8.408 | 31 |
| TOTAL | 254.57 | 183.88 | 820.90 | 787.92 | 218.01 | 225.18 | 169.73 | 106.15 | 106.02 | 158.94 | 218.80 | 418.46 | TOTAL |
| MEAN | 8.21 | 6.57 | 26.5 | 26.6 | 7.03 | 7.51 | 5.48 | 3.49 | 3.53 | 5.13 | 7.22 | 13.5 | MEAN |
| MAX | 10.0 | 6.80 | 87.0 | 106 | 9.26 | 20.9 | 12.0 | 5.76 | 5.81 | 8.92 | 18.8 | 26.9 | MAX |
| MIN | 6.50 | 6.30 | 7.20 | 9.06 | 5.18 | 4.23 | 2.35 | 2.20 | 2.82 | 3.95 | 5.42 | 7.54 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.0
MAXIMUM DAILY, 106A ON APR 6
MINIMUM DAILY, 2.20 ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 14 59 N
LONG 79 49 20 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 22 000 | JUL | 14 700 |
| FEB | 15 900 | AUG | 9 350 |
| MAR | 70 900 | SEP | 9 180 |
| APR | 68 300 | OCT | 13 700 |
| MAY | 18 800 | NOV | 18 700 |
| JUN | 19 500 | DEC | 36 200 |

TOTAL DISCHARGE, 315 000 dam³

## OAKVILLE CREEK AT MILTON - STATION NO 02HB005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.74 | 1.17 | 3.51 | 3.66 | 1.14 | 0.452 | 0.384 | 0.416 | 0.363 | 0.859 | 0.358 | 1.38 | 1 |
| 2 | 1.71 | 1.19 | 4.02 | 3.97 | 1.07 | 0.436 | 0.385 | 1.13 | 0.356 | 0.826 | 0.349 | 1.19 | 2 |
| 3 | 1.62 | 1.25 | 1.98 | 4.05 | 1.03 | 0.495 | 1.07 | 0.801 | 0.354 | 0.822 | 0.357 | 1.16 | 3 |
| 4 | 1.42 | 1.21 | 1.50 | 5.91 | 0.994 | 0.442 | 0.556 | 0.520 | 0.344 | 0.823 | 0.351 | 1.14 | 4 |
| 5 | 1.48 | 1.19 | 1.48 | 11.1 | 0.989 | 0.442 | 0.436 | 0.503 | 0.352 | 0.812 | 0.328 | 1.09 | 5 |
| 6 | 1.43 | 1.18 | 2.78 | 7.55 | 0.947 | 0.426 | 0.480 | 0.456 | 0.336 | 0.729 | 0.327 | 1.07 | 6 |
| 7 | 1.50 | 1.20 | 6.47 | 6.94 | 0.889 | 0.434 | 0.424 | 0.438 | 0.349 | 0.842 | 0.306 | 1.07 | 7 |
| 8 | 1.46 | 1.28 | 4.51 | 5.11 | 0.881 | 0.392 | 1.95 | 0.447 | 0.434 | 0.703 | 0.398 | 1.13 | 8 |
| 9 | 1.37 | 1.28 B | 3.38 | 5.52 | 0.828 | 0.432 | 0.859 | 0.914 | 0.378 | 0.568 | 0.390 | 1.88 | 9 |
| 10 | 1.40 | 1.21 B | 2.49 | 4.53 | 0.834 | 0.421 | 0.671 | 0.584 | 0.357 | 0.389 | 0.338 | 1.57 | 10 |
| 11 | 1.41 | 1.19 | 2.52 | 4.32 | 0.781 | 0.450 | 0.477 | 0.482 | 0.579 | 0.383 | 0.337 | 1.37 | 11 |
| 12 | 1.40 | 1.18 | 2.33 | 5.06 | 0.550 | 0.416 | 0.439 | 0.453 | 0.859 | 0.365 | 0.328 | 1.58 | 12 |
| 13 | 1.42 | 1.26 B | 2.14 | 4.93 | 0.558 | 0.401 | 0.442 | 0.431 | 0.625 | 0.370 | 0.415 | 1.36 | 13 |
| 14 | 1.51 | 1.23 B | 2.02 | 3.76 | 0.758 | 0.381 | 1.30 | 0.435 | 0.416 | 0.385 | 0.502 | 1.29 | 14 |
| 15 | 2.78 | 1.20 B | 1.90 | 3.71 | 0.625 | 0.373 | 0.548 | 0.425 | 0.384 | 0.387 | 0.538 | 1.86 | 15 |
| 16 | 2.05 | 1.07 B | 1.85 | 3.38 | 0.682 | 0.377 | 0.481 | 0.398 | 0.388 | 0.383 | 8.539 | 2.52 | 16 |
| 17 | 1.50 | 1.02 B | 1.84 | 2.42 | 0.630 | 0.371 | 0.424 | 0.395 | 0.858 | 0.422 | 1.20 | 2.108 | 17 |
| 18 | 1.48 | 0.974 | 1.85 | 2.37 | 0.851 | 0.371 | 0.383 | 0.395 | 1.08 | 0.367 | 1.53 | 1.708 | 18 |
| 19 | 1.38 | 0.940 | 2.03 | 2.27 | 0.849 | 0.386 | 0.489 | 0.380 | 8.621 | 0.343 | 1.13 | 1.54 | 19 |
| 20 | 1.34 | 0.706 | 2.08 | 1.53 | 0.635 | 0.363 | 3.99 | 0.366 | 0.582 | 0.347 | 1.07 | 7.27 | 20 |
| 21 | 1.37 | 0.695 | 2.12 | 1.25 | 0.616 | 0.345 | 0.607 | 0.385 | 2.20 | 0.395 | 0.965 | 3.56 | 21 |
| 22 | 1.35 | 0.683 | 2.16 | 0.957 | 0.619 | 2.17 | 0.593 | 0.360 | 1.19 | 0.428 | 0.956 | 1.93 | 22 |
| 23 | 1.30 | 0.674 | 2.19 | 1.03 | 0.640 | 0.588 | 0.491 | 0.358 | 0.861 | 0.478 | 0.983 | 1.71 | 23 |
| 24 | 1.268 | 0.722 | 2.17 | 1.04 | 0.596 | 0.418 | 1.98 | 0.345 | 0.646 | 0.738 | 0.989 | 2.04 | 24 |
| 25 | 1.208 | 0.756 | 2.33 | 1.22 | 0.589 | 0.401 | 2.06 | 0.329 | 0.504 | 0.643 | 8.42 | 3.61 | 25 |
| 26 | 1.138 | 0.759 | 2.73 | 1.31 | 0.682 | 0.422 | 1.07 | 0.344 | 0.433 | 0.412 | 3.09 | 2.39 | 26 |
| 27 | 1.08 | 0.788 | 2.45 | 1.32 | 0.613 | 0.448 | 0.638 | 0.372 | 0.403 | 0.998 | 1.46 | 1.908 | 27 |
| 28 | 1.06 | 0.817 | 2.29 | 1.28 | 0.553 | 0.436 | 0.495 | 0.386 | 0.405 | 0.631 | 1.32 | 1.508 | 28 |
| 29 | 1.11 | | 2.14 | 1.28 | 0.514 | 0.406 | 0.436 | 0.376 | 0.704 | 0.468 | 3.62 | 1.368 | 29 |
| 30 | 1.17 | | 3.33 | 1.18 | 0.514 | 0.374 | 0.436 | 0.370 | 0.907 | 0.415 | 2.04 | 1.388 | 30 |
| 31 | 1.20 | | 3.51 | | 0.479 | | 0.417 | 0.485 | | 0.378 | | 1.348 | 31 |
| TOTAL | 44.65 | 28.784 | 80.20 | 105.927 | 22.488 | 14.240 | 25.810 | 14.216 | 18.080 | 16.999 | 32.953 | 58.12 | TOTAL |
| MEAN | 1.44 | 1.03 | 2.59 | 3.53 | 0.725 | 0.475 | 0.828 | 0.459 | 0.603 | 0.548 | 1.10 | 1.87 | MEAN |
| MAX | 2.78 | 1.28 | 6.47 | 11.1 | 1.14 | 2.17 | 3.99 | 1.13 | 2.20 | 0.998 | 8.42 | 7.27 | MAX |
| MIN | 1.06 | 0.674 | 1.48 | 0.957 | 0.479 | 0.345 | 0.364 | 0.329 | 0.336 | 0.343 | 0.306 | 1.07 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.27
MAXIMUM DAILY 11.1 ON APR 5
MINIMUM DAILY 0.306 ON NOV 7
MAXIMUM INSTANTANEOUS
19.7 AT 15:44 EST ON JUL 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 30 19 N
LONG 79 51 48 W
DRAINAGE AREA 95.6 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 880 | JUL | 2 210 |
| FEB | 2 490 | AUG | 1 230 |
| MAR | 6 930 | SEP | 1 560 |
| APR | 9 150 | OCT | 1 470 |
| MAY | 1 940 | NOV | 2 850 |
| JUN | 1 230 | DEC | 5 020 |

TOTAL DISCHARGE 39 900 dam³

## OGOKI RIVER ABOVE WHITECLAY LAKE - STATION NO 04GB004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61.3 | 50.2 | 48.4 | 41.5 | 67.6 | 67.5 | 61.7 | 59.8 | 57.3 | 45.0 | 43.8 | 46.0E | 1 |
| 2 | 60.8 | 49.7 | 48.4 | 41.4 | 68.5 | 69.5 | 61.6 | 60.1 | 56.3 | 43.9 | 44.0 | 46.0E | 2 |
| 3 | 60.6 | 49.4 | 48.6 | 41.2 | 69.3 | 68.0 | 62.3 | 60.7 | 56.2 | 46.2 | 44.2 | 46.0E | 3 |
| 4 | 60.3 | 49.0 | 48.5 | 41.4 | 70.2 | 68.6 | 62.6 | 60.3 | 56.0 | 46.0 | 84.5 | 46.0E | 4 |
| 5 | 60.0 | 49.2 | 48.6 | 41.0 | 70.9 | 65.9 | 62.6 | 60.8 | 55.0 | 45.0 | 44.7 | 46.0E | 5 |
| 6 | 59.6 | 49.1 | 48.5 | 41.2 | 70.1 | 65.0 | 61.9 | 61.2 | 53.9 | 44.7 | 45.0 | 46.0E | 6 |
| 7 | 59.0 | 49.0 | 48.2 | 41.1 | 69.6 | 63.3 | 61.9 | 61.0 | 53.4 | 84.9 | 84.9 | 46.0E | 7 |
| 8 | 58.5 | 48.5 | 44.8 | 41.3 | 71.7 | 63.5 | 62.0 | 60.3 | 53.4 | 45.1 | 48.0 | 46.0E | 8 |
| 9 | 58.3 | 48.6 | 44.6 | 41.7 | 99.3 | 64.7 | 60.8 | 59.6 | 53.0 | 44.4 | 44.7 | 46.0E | 9 |
| 10 | 57.9 | 48.6 | 44.6 | 41.9 | 88.3 | 64.7 | 59.9 | 58.3 | 52.8 | 45.8 | 44.6 | 46.0E | 10 |
| 11 | 57.3 | 48.1 | 44.3 | 42.3 | 87.6 | 65.4 | 58.5 | 59.2 | 52.5 | 45.4 | 44.9 | 45.9E | 11 |
| 12 | 57.1 | 48.1 | 44.1 | 43.2 | 88.4 | 65.9 | 58.1 | 60.6 | 52.4 | 44.8 | 85.2 | 45.8E | 12 |
| 13 | 56.4 | 48.1 | 43.8 | 44.3 | 89.3 | 66.9 | 59.2 | 60.3 | 52.8 | 45.2 | 45.1 | 45.8E | 13 |
| 14 | 56.0 | 47.9 | 43.5 | 45.3 | 88.3 | 68.0 | 60.2 | 60.1 | 52.6 | 45.4 | 45.2 | 45.7E | 14 |
| 15 | 55.4 | 47.8 | 43.2 | 46.3 | 87.9 | 68.3 | 60.3 | 60.0 | 51.9 | 44.7 | 45.2 | 45.6E | 15 |
| 16 | 54.8 | 47.6 | 43.1 | 47.4 | 88.3 | 67.7 | 61.0 | 60.2 | 51.3 | 43.2 | 45.3E | 45.6E | 16 |
| 17 | 54.6 | 47.5 | 42.9 | 49.1 | 86.3 | 68.4 | 60.8 | 60.7 | 50.5 | 43.4 | 45.4E | 45.5E | 17 |
| 18 | 53.9 | 47.4 | 42.8 | 49.7 | 86.1 | 68.1 | 59.4 | 61.4 | 50.0 | 45.6 | 45.4E | 45.4E | 18 |
| 19 | 53.1 | 47.5 | 42.5 | 51.4 | 86.0 | 67.6 | 58.8 | 61.5 | 49.1 | 45.6 | 45.5E | 45.3E | 19 |
| 20 | 53.1 | 47.3 | 42.4 | 53.0 | 86.1 | 67.8 | 60.8 | 61.5 | 48.6 | 44.3 | 45.6E | 45.3E | 20 |
| 21 | 53.0 | 46.9 | 42.0 | 53.8 | 84.3 | 67.2 | 61.1 | 62.6 | 48.7 | 44.1 | 45.7E | 45.2E | 21 |
| 22 | 52.8 | 46.7 | 41.7 | 56.3 | 84.5 | 67.3 | 60.9 | 61.9 | 49.1 | 43.9 | 45.8E | 45.2E | 22 |
| 23 | 52.0 | 46.7 | 41.7 | 57.1 | 86.5 | 67.8 | 61.9 | 60.9 | 48.1 | 43.8 | 45.8E | 45.1E | 23 |
| 24 | 51.7 | 46.4 | 41.8 | 58.0 | 87.3 | 67.6 | 62.5 | 60.2 | 47.7 | 43.7 | 45.9E | 45.1E | 24 |
| 25 | 51.5 | 46.3 | 41.6 | 59.3 | 87.1 | 66.4 | 62.9 | 58.9 | 47.4 | 44.7 | 46.0E | 45.0E | 25 |
| 26 | 51.4 | 46.0 | 41.7 | 61.2 | 87.1 | 65.4 | 62.9 | 58.6 | 46.7 | 44.6 | 46.0E | 45.0E | 26 |
| 27 | 51.1 | 45.9 | 41.7 | 63.4 | 87.0 | 64.6 | 62.8 | 58.7 | 46.2 | 44.3 | 46.0E | 44.9E | 27 |
| 28 | 50.6 | 45.5 | 41.8 | 66.0 | 87.1 | 63.7 | 61.5 | 58.1 | 45.7 | 43.8 | 46.0E | 44.9E | 28 |
| 29 | 50.4 | | 41.7 | 65.7 | 88.1 | 62.9 | 61.2 | 59.3 | 45.5 | 43.7 | 46.0E | 44.8E | 29 |
| 30 | 50.2 | | 41.8 | 67.3 | 87.7 | 62.4 | 60.4 | 59.3 | 45.3 | 43.6 | 46.0E | 44.8E | 30 |
| 31 | 50.1 | | 41.5 | | 87.4 | | 60.5 | 59.2 | | 43.6 | | 44.7E | 31 |
| TOTAL | 1 712.4 | 1 339.0 | 1 343.1 | 1 494.8 | 2 103.9 | 1 988.1 | 1 892.4 | 1 885.3 | 1 530.0 | 1 382.9 | 1 357.3 | 1 410.6 | TOTAL |
| MEAN | 55.3 | 47.8 | 43.3 | 49.8 | 67.9 | 66.3 | 61.0 | 60.2 | 51.0 | 44.6 | 45.2 | 45.5 | MEAN |
| MAX | 61.3 | 50.2 | 48.6 | 67.3 | 71.7 | 69.5 | 62.9 | 62.6 | 57.3 | 46.2 | 46.0 | 46.0 | MAX |
| MIN | 50.1 | 45.5 | 41.5 | 41.0 | 64.3 | 62.4 | 58.1 | 58.1 | 45.3 | 43.3 | 43.5 | 44.7 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 53.2
MAXIMUM DAILY 71.7 ON MAY 8
MINIMUM DAILY 41.0 ON APR 5
MAXIMUM INSTANTANEOUS
75.4 AT 18:13 EST ON MAY 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 00 N
LONG 88 55 50 W
DRAINAGE AREA 11 200 km²

E ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 148 000 | JUL | 164 000 |
| FEB | 116 000 | AUG | 161 000 |
| MAR | 116 000 | SEP | 132 000 |
| APR | 129 000 | OCT | 119 000 |
| MAY | 182 000 | NOV | 117 000 |
| JUN | 172 000 | DEC | 122 000 |

TOTAL DISCHARGE 1 680 000 dam³

## OGOKI RIVER AT WABOOSE FALLS DAM - STATION NO. 04GB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| 29 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 0 | | 0 | | 0 | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 20 N
LONG 87 59 40 W
DRAINAGE AREA, 13 600 km²

REGULATED SINCE 1943

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 0 |
| FEB | 0 | AUG | 0 |
| MAR | 0 | SEP | 0 |
| APR | 0 | OCT | 0 |
| MAY | 0 | NOV | 0 |
| JUN | 0 | DEC | 0 |

TOTAL DISCHARGE, 0 dam³

## OGOKI RIVER DIVERSION TO LAKE NIPIGON - STATION NO. 02ADD05

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 80.5 | 56.8 | 49.2 | 42.2 | 65.1 | 82.1 | 77.3 | 78.9 | 80.5 | 58.2 | 45.6 | 38.0 | 1 |
| 2 | 78.9 | 56.8 | 49.2 | 42.2 | 65.1 | 80.5 | 78.9 | 80.5 | 78.9 | 60.9 | 45.6 | 38.0 | 2 |
| 3 | 78.9 | 56.8 | 49.2 | 41.1 | 66.6 | 82.1 | 78.9 | 80.5 | 77.3 | 56.8 | 45.6 | 38.0 | 3 |
| 4 | 77.3 | 55.5 | 48.0 | 41.1 | 66.6 | 80.5 | 78.9 | 80.5 | 77.3 | 56.8 | 46.8 | 38.0 | 4 |
| 5 | 77.3 | 55.5 | 48.0 | 41.1 | 66.6 | 80.5 | 77.3 | 80.5 | 77.3 | 55.5 | 46.8 | 39.0 | 5 |
| 6 | 77.3 | 55.5 | 48.0 | 41.1 | 69.5 | 78.9 | 77.3 | 78.9 | 77.3 | 58.2 | 45.6 | 38.0 | 6 |
| 7 | 77.3 | 55.5 | 48.0 | 42.2 | 69.5 | 78.9 | 77.3 | 78.9 | 77.3 | 56.8 | 31.8 | 38.0 | 7 |
| 8 | 77.3 | 55.5 | 48.0 | 43.3 | 69.5 | 80.5 | 77.3 | 78.9 | 77.3 | 55.5 | 38.0 | 38.0 | 8 |
| 9 | 75.7 | 54.2 | 48.0 | 44.4 | 71.0 | 80.5 | 75.7 | 78.9 | 75.7 | 55.5 | 40.1 | 38.0 | 9 |
| 10 | 75.7 | 54.2 | 48.0 | 45.6 | 69.5 | 80.5 | 75.7 | 78.9 | 75.7 | 54.2 | 40.1 | 39.0 | 10 |
| 11 | 75.7 | 54.2 | 48.0 | 45.6 | 71.0 | 80.5 | 75.7 | 75.7 | 77.3 | 52.9 | 39.0 | 38.0 | 11 |
| 12 | 74.1 | 54.2 | 48.0 | 46.8 | 71.0 | 82.1 | 75.7 | 75.7 | 75.7 | 51.6 | 39.0 | 39.0 | 12 |
| 13 | 74.1 | 54.2 | 48.0 | 48.0 | 69.5 | 82.1 | 77.3 | 77.3 | 75.7E | 50.4 | 40.1 | 39.0 | 13 |
| 14 | 72.6 | 52.9 | 48.0 | 48.0 | 71.0 | 83.7 | 78.9 | 77.3 | 74.1E | 51.6 | 40.1 | 40.1 | 14 |
| 15 | 69.5 | 52.9 | 48.0 | 49.2 | 71.0 | 83.7 | 78.9 | 77.3 | 72.8E | 50.4 | 39.0 | 39.0 | 15 |
| 16 | 66.6 | 52.9 | 48.0 | 49.2 | 72.6 | 82.1 | 77.3 | 78.9 | 72.8E | 49.2 | 40.1 | 39.0 | 16 |
| 17 | 66.6 | 52.9 | 46.8 | 51.6 | 72.6 | 82.1 | 77.3 | 80.5 | 71.1E | 50.4 | 41.1 | 39.0 | 17 |
| 18 | 66.6 | 52.9 | 45.6 | 52.9 | 74.1 | 82.1 | 77.3 | 80.5 | 71.1E | 50.4 | 40.1 | 39.0 | 18 |
| 19 | 65.1 | 52.9 | 44.4 | 52.9 | 74.1 | 80.5 | 77.3 | 80.5 | 69.5E | 49.2 | 40.1 | 39.0 | 19 |
| 20 | 65.1 | 51.7 | 44.4 | 55.5 | 74.1 | 80.5 | 78.9 | 80.5 | 68.1E | 49.2 | 36.1 | 39.0 | 20 |
| 21 | 63.7 | 51.7 | 44.4 | 56.8 | 75.7 | 80.5 | 78.9 | 80.5 | 68.1E | 49.2 | 38.0 | 38.0 | 21 |
| 22 | 62.3 | 51.7 | 44.4 | 56.8 | 78.9 | 78.9 | 80.5 | 82.1 | 66.8E | 48.0 | 39.0 | 38.0 | 22 |
| 23 | 60.9 | 50.4 | 44.4 | 55.8 | 78.9 | 80.5 | 80.5 | 82.1 | 66.8E | 48.0 | 39.0 | 38.0 | 23 |
| 24 | 60.9 | 50.4 | 44.4 | 58.2 | 78.9 | 80.5 | 82.1 | 80.5 | 65.1E | 46.8 | 39.0 | 38.0 | 24 |
| 25 | 59.5 | 50.4 | 44.4 | 58.2 | 80.5 | 80.5 | 82.1 | 80.5 | 63.7 | 46.8 | 39.0 | 38.0 | 25 |
| 26 | 58.2 | 50.4 | 44.4 | 58.2 | 78.9 | 82.1 | 82.1 | 80.5 | 62.3 | 45.6 | 39.0 | 37.1 | 26 |
| 27 | 58.2 | 50.4 | 44.4 | 63.7 | 80.5 | 82.1 | 82.1 | 80.5 | 60.9 | 46.8 | 39.0 | 37.1 | 27 |
| 28 | 56.8 | 49.2 | 44.4 | 62.3 | 80.5 | 80.5 | 80.5 | 80.5 | 60.9 | 46.8 | 39.0 | 37.1 | 28 |
| 29 | 56.8 | | 44.4 | 63.7 | 80.5 | 78.9 | 80.5 | 80.5 | 60.9 | 46.8 | 39.0 | 37.1 | 29 |
| 30 | 56.8 | | 43.3 | 63.7 | 80.5 | 78.9 | 80.5 | 82.1 | 59.5 | 46.8 | 39.0 | 37.1 | 30 |
| 31 | 56.8 | | 43.3 | | 82.1 | | 80.5 | 82.1 | | 45.6 | | 37.1 | 31 |
| TOTAL | 2 123.1 | 1 492.6 | 1 439.0 | 1 522.4 | 2 275.9 | 2 427.8 | 2 439.5 | 2 471.6 | 2 137.0 | 1 590.9 | 1 209.5 | 1 188.7 | TOTAL |
| MEAN | 68.5 | 53.3 | 46.4 | 50.7 | 73.4 | 80.9 | 78.7 | 79.7 | 71.2 | 51.3 | 40.3 | 38.3 | MEAN |
| MAX | 80.5 | 56.8 | 49.2 | 63.7 | 82.1 | 83.7 | 82.1 | 82.1 | 80.5 | 60.9 | 46.8 | 40.1 | MAX |
| MIN | 56.8 | 49.2 | 43.3 | 41.1 | 65.1 | 78.9 | 75.7 | 75.7 | 59.5 | 45.6 | 31.8 | 37.1 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.1
MAXIMUM DAILY, 83.7 ON JUN 14
MINIMUM DAILY, 31.8 ON NOV 7

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 15 N
LONG 88 12 30 W

E - ESTIMATED
REGULATED SINCE 1943

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 183 000 | JUL | 211 000 |
| FEB | 139 000 | AUG | 214 000 |
| MAR | 134 000 | SEP | 185 000 |
| APR | 132 000 | OCT | 137 000 |
| MAY | 197 000 | NOV | 105 000 |
| JUN | 210 000 | DEC | 103 000 |

TOTAL DISCHARGE, 1 930 000 dam³

## ONAPING RIVER NEAR LEVACK - STATION NO 02CF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.008 | 4.028 | 2.928 | 17.28 | 11.6 | 10.7 | 3.90 | 1.88 | 0.894 | 1.19 | 2.37 | 4.608 | 1 |
| 2 | 4.958 | 4.008 | 2.898 | 16.08 | 10.7 | 12.6 | 3.70 | 1.85 | 0.811 | 2.24 | 2.30 | 4.808 | 2 |
| 3 | 4.908 | 3.968 | 2.888 | 15.28 | 10.1 | 12.6 | 3.89 | 1.85 | 0.784 | 2.54 | 2.43 | 4.658 | 3 |
| 4 | 4.858 | 3.958 | 2.878 | 14.58 | 9.41 | 12.4 | 4.62 | 1.77 | 0.709 | 2.34 | 3.37 | 4.558 | 4 |
| 5 | 4.808 | 3.938 | 2.898 | 14.3 | 8.97 | 11.6 | 4.44 | 1.89 | 0.841 | 2.13 | 4.21 | 4.408 | 5 |
| 6 | 4.788 | 3.928 | 2.928 | 15.3 | 8.50 | 10.7 | 4.24 | 1.82 | 0.805 | 2.04 | 4.19 | 4.358 | 6 |
| 7 | 4.758 | 3.878 | 2.988 | 17.5 | 8.09 | 9.90 | 4.23 | 1.82 | 0.813 | 2.14 | 4.22 | 4.308 | 7 |
| 8 | 4.708 | 3.858 | 3.038 | 18.2 | 7.84 | 9.33 | 4.11 | 1.85 | 0.728 | 2.13 | 4.25 | 4.408 | 8 |
| 9 | 4.688 | 3.838 | 3.138 | 18.8 | 7.28 | 8.92 | 3.86 | 1.57 | 0.861 | 2.00 | 4.158 | 5.308 | 9 |
| 10 | 4.658 | 3.788 | 3.128 | 20.0 | 8.96 | 8.48 | 3.73 | 1.47 | 0.839 | 1.98 | 3.99 | 6.508 | 10 |
| 11 | 4.608 | 3.788 | 3.238 | 21.2 | 8.99 | 8.10 | 3.82 | 1.35 | 1.11 | 2.09 | 3.92 | 6.83 | 11 |
| 12 | 4.588 | 3.748 | 3.218 | 21.5 | 8.80 | 8.21 | 3.78 | 1.33 | 1.16 | 1.91 | 3.758 | 7.26 | 12 |
| 13 | 4.568 | 3.708 | 3.178 | 21.2 | 8.46 | 8.02 | 3.76 | 1.25 | 1.07 | 1.75 | 3.70 | 7.34 | 13 |
| 14 | 4.548 | 3.658 | 3.188 | 20.7 | 8.22 | 7.58 | 3.52 | 1.27 | 0.939 | 1.74 | 3.67 | 7.21 | 14 |
| 15 | 4.508 | 3.608 | 3.178 | 21.6 | 8.28 | 7.26 | 3.40 | 1.42 | 0.805 | 2.43 | 3.84 | 7.80 | 15 |
| 16 | 4.488 | 3.568 | 3.188 | 21.8 | 8.04 | 6.97 | 3.38 | 1.53 | 0.768 | 2.44 | 3.82 | 8.14 | 16 |
| 17 | 4.458 | 3.528 | 3.208 | 21.2 | 8.22 | 6.87 | 3.09 | 1.45 | 0.727 | 2.44 | 3.82 | 8.308 | 17 |
| 18 | 4.418 | 3.478 | 3.258 | 20.1 | 7.00 | 6.25 | 3.12 | 1.29 | 0.704 | 2.47 | 4.08 | 8.008 | 18 |
| 19 | 4.398 | 3.428 | 3.328 | 19.0 | 7.17 | 5.88 | 3.22 | 1.26 | 0.822 | 2.41 | 4.10 | 7.658 | 19 |
| 20 | 4.358 | 3.388 | 3.408 | 17.8 | 7.05 | 5.61 | 3.06 | 1.28 | 0.906 | 2.26 | 3.94 | 7.358 | 20 |
| 21 | 4.308 | 3.358 | 3.608 | 16.8 | 6.93 | 5.25 | 2.84 | 1.32 | 0.957 | 2.15 | 3.848 | 7.158 | 21 |
| 22 | 4.288 | 3.288 | 3.858 | 14.4 | 8.30 | 4.98 | 2.73 | 1.39 | 0.978 | 2.03 | 3.818 | 6.908 | 22 |
| 23 | 4.258 | 3.228 | 4.208 | 12.5 | 10.1 | 4.82 | 2.59 | 1.30 | 1.02 | 2.04 | 3.908 | 6.658 | 23 |
| 24 | 4.228 | 3.148 | 4.708 | 12.4 | 10.6 | 4.32 | 2.53 | 1.18 | 0.808 | 2.04 | 4.09 | 6.508 | 24 |
| 25 | 4.208 | 3.108 | 5.208 | 11.9 | 10.3 | 4.33 | 2.84 | 1.02 | 0.750 | 2.15 | 4.188 | 6.308 | 25 |
| 26 | 4.188 | 3.068 | 9.208 | 11.3 | 9.99 | 4.48 | 2.67 | 0.979 | 0.877 | 2.07 | 4.128 | 6.158 | 26 |
| 27 | 4.158 | 3.008 | 11.8 B | 11.5 | 10.7 | 4.80 | 2.48 | 0.883 | 0.827 | 2.33 | 3.958 | 6.008 | 27 |
| 28 | 4.138 | 2.968 | 12.7 B | 13.0 | 11.8 | 4.84 | 2.29 | 0.815 | 0.713 | 2.45 | 3.828 | 5.858 | 28 |
| 29 | 4.108 | | 13.5 B | 13.0 | 10.8 | 4.64 | 2.19 | 0.820 | 0.911 | 2.41 | 3.848 | 5.888 | 29 |
| 30 | 4.088 | | 14.5 B | 12.5 | 10.1 | 4.27 | 2.06 | 0.830 | 1.00 | 2.41 | 4.208 | 5.558 | 30 |
| 31 | 4.068 | | 17.8 B | | 9.53 | | 1.95 | 0.911 | | 2.36 | | 5.498 | 31 |
| TOTAL | 138.86 | 100.03 | 183.96 | 502.2 | 294.41 | 223.93 | 102.10 | 41.936 | 24.906 | 67.11 | 113.47 | 191.71 | TOTAL |
| MEAN | 4.48 | 3.57 | 5.29 | 16.7 | 8.53 | 7.46 | 3.29 | 1.35 | 0.830 | 2.16 | 3.78 | 6.18 | MEAN |
| MAX | 5.00 | 4.02 | 17.8 | 21.8 | 11.6 | 12.6 | 4.62 | 1.89 | 1.16 | 2.54 | 4.25 | 8.30 | MAX |
| MIN | 4.05 | 2.96 | 2.87 | 11.3 | 6.04 | 4.27 | 1.95 | 0.820 | 0.805 | 1.19 | 2.30 | 4.30 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 5.30
MAXIMUM DAILY 21.8 ON APR 16
MINIMUM DAILY 0.805 ON SEP 6
MAXIMUM INSTANTANEOUS
21.9 AT 03:00 EST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 35 00 N
LONG 81 22 51 W
DRAINAGE AREA 1 570 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 12 000 | JUL | 8 820 |
| FEB | 8 540 | AUG | 3 520 |
| MAR | 14 200 | SEP | 2 150 |
| APR | 43 500 | OCT | 5 800 |
| MAY | 22 800 | NOV | 9 800 |
| JUN | 19 300 | DEC | 16 500 |

TOTAL DISCHARGE 187 000 dam³

REMARKS - INCLUDES ONAPING LAKE BASIN EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM

## OSHAWA CREEK AT OSHAWA - STATION NO 02HD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.35 | 0.5808 | 4.148 | 2.38 | 0.939 | 1.51 | 0.681 | 0.586 | 0.758 | 0.746 | 0.784 | 1.64 | 1 |
| 2 | 1.36 | 0.5798 | 7.588 | 3.01 | 0.880 | 0.918 | 0.673 | 0.907 | 0.667 | 0.724 | 0.746 | 1.24 | 2 |
| 3 | 1.17 B | 0.5788 | 3.258 | 2.25 | 0.858 | 0.813 | 0.673 | 0.935 | 0.613 | 0.686 | 0.783 | 1.03 | 3 |
| 4 | 0.9738 | 0.7508 | 1.988 | 7.03 | 0.809 | 0.736 | 0.782 | 0.678 | 0.586 | 0.680 | 0.782 | 0.978 | 4 |
| 5 | 0.9058 | 0.8808 | 1.788 | 3.17 | 0.826 | 0.712 | 0.687 | 0.839 | 0.598 | 0.691 | 0.728 | 0.846 | 5 |
| 6 | 1.09 | 0.7308 | 2.308 | 3.93 | 0.821 | 0.718 | 0.633 | 0.812 | 0.592 | 0.682 | 0.784 | 0.7288 | 6 |
| 7 | 1.11 | 0.6508 | 6.868 | 2.52 | 0.787 | 0.960 | 0.689 | 0.593 | 0.570 | 0.723 | 0.789 | 0.7508 | 7 |
| 8 | 1.02 | 0.6108 | 3.028 | 1.94 | 0.785 | 0.958 | 1.10 | 0.587 | 0.721 | 0.821 | 1.10 | 0.788 | 8 |
| 9 | 0.978 | 0.5908 | 4.928 | 1.71 | 0.787 | 0.825 | 0.837 | 0.783 | 0.788 | 0.738 | 1.47 | 1.05 | 9 |
| 10 | 1.03 | 0.5808 | 2.118 | 1.53 | 0.784 | 0.738 | 0.711 | 0.858 | 0.689 | 0.887 | 0.806 | 1.33 | 10 |
| 11 | 1.08 | 0.7008 | 1.998 | 1.38 | 0.786 | 0.718 | 0.884 | 0.633 | 0.858 | 0.832 | 0.783 | 1.08 | 11 |
| 12 | 1.05 | 0.8348 | 1.768 | 1.44 | 0.785 | 0.814 | 0.888 | 0.805 | 0.646 | 0.820 | 0.786 | 1.33 | 12 |
| 13 | 1.01 | 0.7808 | 1.628 | 1.66 | 0.679 | 1.33 | 0.845 | 0.598 | 0.702 | 0.810 | 0.786 | 1.17 | 13 |
| 14 | 1.03 | 0.7108 | 1.378 | 1.44 | 0.728 | 0.829 | 0.932 | 0.581 | 0.681 | 0.831 | 0.748 | 0.945 | 14 |
| 15 | 1.22 | 0.6708 | 1.288 | 1.40 | 0.786 | 0.731 | 0.796 | 0.536 | 0.621 | 0.841 | 0.737 | 1.14 | 15 |
| 16 | 0.9898 | 0.6508 | 1.358 | 1.27 | 0.787 | 0.688 | 0.833 | 0.546 | 0.626 | 0.845 | 0.714 | 1.58 | 16 |
| 17 | 0.8508 | 0.6308 | 1.418 | 1.19 | 0.781 | 0.662 | 0.819 | 0.787 | 0.660 | 0.874 | 0.789 | 1.18 B | 17 |
| 18 | 0.7808 | 0.6108 | 1.488 | 1.17 | 0.732 | 0.680 | 0.596 | 0.648 | 0.672 | 0.713 | 0.903 | 0.9898 | 18 |
| 19 | 0.7348 | 0.6008 | 1.708 | 1.18 | 0.738 | 0.654 | 0.705 | 0.571 | 0.742 | 0.689 | 0.785 | 0.889 | 19 |
| 20 | 0.6828 | 0.5908 | 1.808 | 1.08 | 0.747 | 0.701 | 0.885 | 0.547 | 0.945 | 0.669 | 0.743 | 2.29 | 20 |
| 21 | 0.6408 | 0.5808 | 1.828 | 1.03 | 0.748 | 0.647 | 0.706 | 0.527 | 1.05 | 0.658 | 0.8708 | 3.44 | 21 |
| 22 | 0.6308 | 0.5758 | 2.028 | 1.01 | 0.782 | 1.11 | 0.618 | 0.573 | 0.931 | 0.654 | 0.877 | 1.81 | 22 |
| 23 | 0.6208 | 0.5708 | 2.148 | 0.952 | 0.769 | 0.923 | 0.612 | 0.546 | 0.729 | 1.14 | 0.706 | 1.48 | 23 |
| 24 | 0.6108 | 0.5658 | 2.088 | 0.986 | 0.784 | 0.725 | 0.606 | 0.519 | 0.673 | 0.900 | 0.768 | 1.30 | 24 |
| 25 | 0.6008 | 0.5608 | 2.228 | 0.893 | 0.781 | 0.704 | 0.611 | 0.547 | 0.639 | 0.991 | 1.18 | 3.13 | 25 |
| 26 | 0.5988 | 0.5628 | 2.468 | 0.879 | 0.785 | 0.788 | 0.634 | 0.548 | 0.620 | 1.19 | 1.68 | 2.21 | 26 |
| 27 | 0.5938 | 0.5658 | 1.838 | 1.06 | 0.723 | 0.748 | 0.576 | 0.564 | 0.624 | 1.23 | 1.10 | 1.27 B | 27 |
| 28 | 0.5908 | 0.7608 | 1.768 | 1.17 | 1.00 | 0.751 | 0.588 | 0.582 | 0.724 | 0.988 | 0.981 | 0.9738 | 28 |
| 29 | 0.5888 | | 1.618 | 1.09 | 1.07 | 0.751 | 0.575 | 0.645 | 0.686 | 0.803 | 3.81 | B 9278 | 29 |
| 30 | 0.5858 | | 2.778 | 1.00 | 0.850 | 0.714 | 0.684 | 0.596 | 0.686 | 0.726 | 2.78 | 0.9058 | 30 |
| 31 | 0.5808 | | 3.048 | | 0.912 | | 0.628 | 0.899 | | 0.718 | | 0.8838 | 31 |
| TOTAL | 27.005 | 18.118 | 83.528 | 59.680 | 24.717 | 24.648 | 21.417 | 19.494 | 21.023 | 23.798 | 30.707 | 42.407 | TOTAL |
| MEAN | 0.871 | 0.647 | 2.698 | 1.99 | 0.797 | 0.822 | 0.691 | 0.629 | 0.701 | 0.768 | 1.02 | 1.37 | MEAN |
| MAX | 1.36 | 0.934 | 9.028 | 3.17 | 1.07 | 1.51 | 1.10 | 0.935 | 1.05 | 1.23 | 3.81 | 3.44 | MAX |
| MIN | 0.580 | 0.580 | 1.258 | 0.879 | 0.679 | 0.647 | 0.568 | 0.519 | 0.570 | 0.610 | 0.670 | 0.726 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.05
MAXIMUM DAILY 9.17 ON APR 5
MINIMUM DAILY 0.519 ON AUG 24
MAXIMUM INSTANTANEOUS
16.1 AT 18:49 EST ON MAR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 49 N
LONG 78 53 29 W
DRAINAGE AREA 98.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 330 | JUL | 1 850 |
| FEB | 1 570 | AUG | 1 680 |
| MAR | 7 220 | SEP | 1 820 |
| APR | 5 160 | OCT | 2 060 |
| MAY | 2 140 | NOV | 2 550 |
| JUN | 2 130 | DEC | 3 550 |

TOTAL DISCHARGE 34 300 dam³

## OTOSKWIN RIVER BELOW BADESDAWA LAKE - STATION NO. 04FA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21.8E | 14.4E | 12.9E | 16.9E | 178 | 105 | 60 5E | 56.4 | 99 0E | 56 0E | 40 0 | 33 7 | 1 |
| 2 | 21.4E | 14.3E | 12.9E | 17.0E | 179 | 105 E | 57 5E | 55 5 | 93 0E | 54 5E | 40 6 | 33 2 | 2 |
| 3 | 21.0E | 14.2E | 12.9E | 17.1E | 177 | 103 E | 54 5E | 53 4 | 88 0E | 61 1A | 40 0 | 33 2 | 3 |
| 4 | 20.6E | 14.1E | 12.8E | 17.3E | 174 | 102 E | 51 0E | 52 5 | 83 0E | 56 2 | 40 4 | 33 0 | 4 |
| 5 | 20.2E | 14.0E | 12.8E | 18.0E | 171 | 101 E | 48 5E | 50.9 | 78 5E | 53 4 | 40 5 | 32 0 | 5 |
| 6 | 19.9E | 13.9E | 12.8E | 18.8E | 164 | 100 E | 45 0E | 49 2 | 74 5E | 54 5 | 40 0 | 31 8 | 6 |
| 7 | 19.6E | 13.8E | 12.8E | 19.9E | 158 | 121 E | 42 0E | 48 1 | 70 5E | 55 5 | 39 3 | 30 9 | 7 |
| 8 | 19.3E | 13.8E | 12.7E | 21.4 | 158 | 146 E | 40 0E | 47 3 | 66 5E | 55 1 | 39 2 | 31 2 | 8 |
| 9 | 19.0E | 13.7E | 12.7E | 23.2 | 146 | 179 E | 41 0E | 43.8 | 62 5E | 54 5 | 38 9 | 30 6 | 9 |
| 10 | 18.7E | 13.7E | 12.7E | 26.7 | 140 | 181 E | 42 0E | 43.0E | 59 0E | 56 2 | 37 6 | 30.7 | 10 |
| 11 | 18.4E | 13.6E | 12.7E | 30.9 | 136 | 182 E | 43 4E | 42 5E | 76 0E | 53 1 | 37 2 | 30 1 | 11 |
| 12 | 18.2E | 13.6E | 12.6E | 35.5 | 133 | 180 E | 44.6A | 41.5E | 94 0E | 52 4 | 37 2 | 30.1 | 12 |
| 13 | 17.9E | 13.5E | 12.6E | 40.6 | 131 | 179 E | 48 4 | 41 0E | 115 E | 52 5 | 36 9 | 29 4 | 13 |
| 14 | 17.7E | 13.5E | 12.7E | 45.9 | 123 | 169 E | 51 5 | 40 0E | 116 E | 52 8 | 36 5 | 28.7E | 14 |
| 15 | 17.4E | 13.4E | 12.9E | 52.0 | 122 | 159 E | 54 3 | 39 5E | 118 E | 48 9 | 36.1 | 28.0E | 15 |
| 16 | 17.2E | 13.4E | 13.2E | 58.8 | 122 | 150 E | 56 2 | 48 0E | 117 E | 46 8 | 36 2 | 27.5E | 16 |
| 17 | 16.9E | 13.3E | 13.7E | 68.0 | 119 | 141 E | 58 0 | 56 0E | 116 E | 46 7 | 36 8 | 27.0E | 17 |
| 18 | 16.7E | 13.3E | 14.4E | 77.8 | 119 | 133 E | 56 5 | 64 0E | 115 E | 46 0 | 36 9 | 26.5E | 18 |
| 19 | 16.5E | 13.2E | 15.3E | 88.2 | 116 | 124 E | 57 0 | 74 0E | 105 E | 47 7 | 36 5 | 26.0E | 19 |
| 20 | 16.3E | 13.2E | 16.1E | 99.0 | 116 | 117 E | 60.8 | 86 0E | 99 0E | 46 0 | 36 9 | 25.7E | 20 |
| 21 | 16.0E | 13.2E | 17.0E | 110 | 110 | 111 E | 59.5 | 99 0E | 93 0E | 45 7 | 36 2 | 25.2E | 21 |
| 22 | 15.8E | 13.1E | 17.2E | 123 | 113 | 104 E | 59.0 | 114 E | 88 0E | 45 1 | 35 3 | 24.8E | 22 |
| 23 | 15.6E | 13.1E | 17.1E | 130 | 116 | 98.5E | 59.1 | 132 E | 83 0E | 44 3 | 36 1 | 24.4E | 23 |
| 24 | 15.4E | 13.0E | 17.0E | 137 | 115 | 93.0E | 58.8 | 150 E | 78.0E | 43 9 | 35 7 | 24.0E | 24 |
| 25 | 15.2E | 13.0E | 17.0E | 142 | 115 | 86.5E | 58.4 | 150 E | 74.0E | 44 7 | 35 4 | 23.5E | 25 |
| 26 | 15.1E | 13.0E | 16.9E | 150 | 112 | 82.5E | 60.4 | 141 E | 70.0E | 43 3 | 35 3 | 23 1E | 26 |
| 27 | 15.0E | 13.0E | 16.9E | 157 | 110 | 77.0E | 60.2 | 132 E | 66.0E | 42 6 | 34 9 | 22.8E | 27 |
| 28 | 14.9E | 12.9E | 16.8E | 172 | 108 | 72.5E | 60.5 | 125 E | 62.0E | 41 7 | 34 9 | 22.5E | 28 |
| 29 | 14.7E | | 16.8E | 173 | 112 | 68.5E | 60.3 | 118 E | 58.5E | 41 4 | 34 6 | 22.1E | 29 |
| 30 | 14.6E | | 16.8E | 180 | 108 | 65.0E | 58.7 | 111 E | 55.0E | 41 4 | 34 2 | 21.8E | 30 |
| 31 | 14.5E | | 16.9E | | 105 | | 58.3 | 105 E | | 40 7 | | 21.5E | 31 |
| TOTAL | 541.5 | 378.2 | 450.6 | 2 267.1 | 4 109 | 3 636.5 | 1 868.8 | 2 409.6 | 2 573.0 | 1 530.9 | 1 117.3 | 855.0 | TOTAL |
| MEAN | 17.5 | 13.5 | 14.5 | 75.6 | 133 | 121 | 53.8 | 77.7 | 85.8 | 49.4 | 37.2 | 27.6 | MEAN |
| MAX | 21.8 | 14.4 | 17.2 | 180 | 179 | 182 | 60.8 | 150 | 118 | 61.1 | 40.6 | 33.7 | MAX |
| MIN | 14.5 | 12.9 | 12.6 | 16.9 | 105 | 65.0 | 40.0 | 39.5 | 55.0 | 40.7 | 34.2 | 21.5 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.0
MAXIMUM DAILY, 182E ON JUN 11
MINIMUM DAILY, 12.6B ON MAR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 49 30 N
LONG 89 36 00 W
DRAINAGE AREA, 9 010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 46 800 | JUL | 144 000 |
| FEB | 32 700 | AUG | 208 000 |
| MAR | 38 900 | SEP | 222 000 |
| APR | 195 000 | OCT | 132 000 |
| MAY | 355 000 | NOV | 96 500 |
| JUN | 314 000 | DEC | 73 900 |

TOTAL DISCHARGE, 1 880 000 dam³

## OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 956 | 1 270 | 882 | 2 220 | 980 | 721 | 415 | 407 | 388 | 287 | 491 | 809 | 1 |
| 2 | 955 | 1 130 | 899 | 2 310 | 953 | 739 | 423 | 418 | 381 | 291 | 545 | 882 | 2 |
| 3 | 977 | 1 040 | 877 | 2 430 | 1 000 | 710 | 422 | 450 | 356 | 330 | 584 | 874 | 3 |
| 4 | 969 | 944 | 880 | 2 350 | 962 | 685 | 418 | 430 | 345 | 327 | 613 | 906 | 4 |
| 5 | 974 | 922 | 879 | 2 410 | 871 | 718 | 383 | 422 | 347 | 318 | 557 | 897 | 5 |
| 6 | 1 070 | 902 | 1 010 | 2 570 | 872 | 648 | 411 | 454 | 347 | 317 | 854 | 905 | 6 |
| 7 | 1 140 | 924 | 1 070 | 2 580 | 873 | 580 | 480 | 428 | 346 | 319 | 851 | 882 | 7 |
| 8 | 1 150 | 918 | 1 040 | 2 500 | 815 | 656 | 486 | 422 | 340 | 329 | 532 | 885 | 8 |
| 9 | 1 120 | 1 100 | 1 000 | 2 540 | 830 | 660 | 491 | 401 | 309 | 307 | 682 | 862 | 9 |
| 10 | 995 | 1 070 | 1 000 | 2 590 | 793 | 579 | 562 | 417 | 284 | 318 | 575 | 843 | 10 |
| 11 | 985 | 1 020 | 966 | 2 630 | 800 | 629 | 497 | 478 | 267 | 304 | 584 | 927 | 11 |
| 12 | 1 030 | 1 080 | 978 | 2 590 | 789 | 726 | 530 | 393 | 264 | 309 | 685 | 948 | 12 |
| 13 | 989 | 1 120 | 978 | 2 580 | 718 | 728 | 592 | 367 | 272 | 324 | 631 | 980 | 13 |
| 14 | 1 090 | 1 100 | 960 | 2 560 | 743 | 757 | 540 | 380 | 285E | 345 | 640 | 989 | 14 |
| 15 | 998 | 1 070 | 955 | 2 520 | 787 | 728A | 478 | 371 | 250E | 380 | 644 | 1 020 | 15 |
| 16 | 1 010 | 1 080 | 884 | 2 480 | 705 | 682A | 444 | 412 | 250E | 380 | 590 | 1 060 | 16 |
| 17 | 1 080 | 1 130 | 876 | 2 300 | 722 | 623 | 430 | 407 | 248E | 384 | 593 | 1 030 | 17 |
| 18 | 1 060 | 1 160 | 935 | 2 150 | 756 | 628 | 453 | 403 | 245E | 354 | 650 | 1 030 | 18 |
| 19 | 1 040 | 1 170 | 908 | 2 000 | 696 | 591 | 471 | 393 | 255E | 340 | 642 | 1 100 | 19 |
| 20 | 1 100 | 1 110 | 885 | 1 880 | 780 | 510 | 533 | 405 | 267 | 343 | 688 | 1 090 | 20 |
| 21 | 1 060 | 956 | 888 | 1 790 | 735 | 506 | 517 | 423 | 285 | 352 | 674 | 1 080 | 21 |
| 22 | 1 130 | 989 | 824 | 1 720 | 644 | 514 | 495 | 480 | 324 | 350 | 613 | 1 130 | 22 |
| 23 | 1 210 | 1 050 | 943 | 1 660 | 680 | 559 | 486 | 436 | 335 | 347 | 592 | 1 100 | 23 |
| 24 | 1 210 | 948 | 1 080 | 1 620 | 645 | 559 | 486 | 427 | 339 | 385 | 624 | 1 180 | 24 |
| 25 | 1 090 | 932 | 1 110 | 1 420 | 649 | 543 | 442 | 484 | 339 | 400 | 649 | 1 140 | 25 |
| 26 | 1 060 | 909 | 1 290 | 1 140 | 730 | 485 | 435 | 438 | 329 | 348 | 694 | 1 140 | 26 |
| 27 | 1 180 | 838 | 1 480 | 1 100 | 738 | 426 | 450 | 415 | 325 | 373 | 735 | 1 070 | 27 |
| 28 | 1 060 | 931 | 1 520 | 935 | 704 | 388 | 475 | 404 | 330 | 442 | 705 | 1 080 | 28 |
| 29 | 1 090 | | 1 550 | 891 | 682 | 383 | 419 | 412 | 326 | 484 | 713 | 1 070 | 29 |
| 30 | 1 240 | | 1 630 | 1 040 | 695 | 410 | 411 | 412 | 321 | 459 | 784 | 871 | 30 |
| 31 | 1 320 | | 1 690 | | 587 | | 404 | 402 | | 483 | | 825 | 31 |
| TOTAL | 33 285 | 28 887 | 32 989 | 61 446 | 23 890 | 18 059 | 14 426 | 12 951 | 9 287 | 10 997 | 19 417 | 30 700 | TOTAL |
| MEAN | 1 070 | 1 030 | 1 060 | 2 050 | 771 | 602 | 465 | 418 | 310 | 355 | 647 | 990 | MEAN |
| MAX | 1 320 | 1 270 | 1 690 | 2 630 | 1 000 | 787 | 592 | 484 | 385 | 484 | 784 | 1 180 | MAX |
| MIN | 955 | 902 | 824 | 891 | 587 | 383 | 393 | 380 | 245 | 291 | 491 | 809 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 812
MAXIMUM DAILY, 2 630 ON APR 11
MINIMUM DAILY, 245E ON SEP 17
MAXIMUM INSTANTANEOUS,
2 650 AT 00 56 EST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 21 54 N
LONG 75 48 18 W
DRAINAGE AREA, 90 900 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 880 000 | JUL | 1 250 000 |
| FEB | 2 500 000 | AUG | 1 120 000 |
| MAR | 2 850 000 | SEP | 802 000 |
| APR | 5 310 000 | OCT | 950 000 |
| MAY | 2 060 000 | NOV | 1 680 000 |
| JUN | 1 560 000 | DEC | 2 650 000 |

TOTAL DISCHARGE, 25 800 000 dam³

## OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58.131 | 58.359 | 58.076 | 58.040 | 58.134 | 57.955 | 57.706 | 57.697 | 57.685 | 57.586 | 57.778 | 58.021 | 1 |
| 2 | 58.130 | 58.259 | 58.089 | 58.085 | 58.125 | 57.969 | 57.715 | 57.710 | 57.667 | 57.580 | 57.820 | 58.076 | 2 |
| 3 | 58.146 | 58.194 | 58.072 | 58.054 | 58.166 | 57.946 | 57.714 | 57.743 | 57.637 | 57.605 | 57.850 | 58.070 | 3 |
| 4 | 58.140 | 58.122 | 58.075 | 58.011 | 58.136 | 57.927 | 57.710 | 57.722 | 57.623 | 57.602 | 57.872 | 58.084 | 4 |
| 5 | 58.144 | 58.106 | 58.074 | 58.041 | 58.068 | 57.982 | 57.682 | 57.713 | 57.626 | 57.589 | 57.905 | 58.088 | 5 |
| 6 | 58.218 | 58.081 | 58.171 | 58.130 | 58.068 | 57.988 | 57.698 | 57.747 | 57.627 | 57.590 | 57.903 | 58.093 | 6 |
| 7 | 58.265 | 58.107 | 58.212 | 58.131 | 58.065 | 57.947 | 57.770 | 57.720 | 57.625 | 57.583 | 57.908 | 58.076 | 7 |
| 8 | 58.272 | 58.102 | 58.191 | 58.082 | 58.026 | 57.906 | 57.757 | 57.714 | 57.618 | 57.605 | 57.886 | 58.083 | 8 |
| 9 | 58.246 | 58.232 | 58.188 | 58.114 | 58.036 | 57.908 | 57.775 | 57.691 | 57.581 | 57.578 | 57.825 | 58.081 | 9 |
| 10 | 58.180 | 58.215 | 58.186 | 58.138 | 58.010 | 57.846 | 57.833 | 57.704 | 57.561 | 57.591 | 57.920 | 58.047 | 10 |
| 11 | 58.152 | 58.176 | 58.138 | 58.157 | 58.015 | 57.885 | 57.783 | 57.786 | 57.531 | 57.576 | 57.927 | 58.109 | 11 |
| 12 | 58.188 | 58.224 | 58.147 | 58.141 | 58.007 | 57.958 | 57.806 | 57.681 | 57.527 | 57.580 | 57.912 | 58.126 | 12 |
| 13 | 58.140 | 58.250 | 58.146 | 58.122 | 57.953 | 57.980 | 57.858 | 57.650 | 57.537 | 57.599 | 57.866 | 58.148 | 13 |
| 14 | 58.226 | 58.238 | 58.134 | 58.125 | 57.872 | 57.983 | 57.816 | 57.642 | 57.530 | 57.622 | 57.893 | 58.163 | 14 |
| 15 | 58.160 | 58.213 | 58.058 | 58.101 | 58.005 | 57.959A | 57.787 | 57.685 | 57.508 | 57.685 | 57.894 | 58.180 | 15 |
| 16 | 58.173 | 58.219 | 58.078 | 58.083 | 57.945 | 57.928A | 57.737 | 57.702 | 57.506 | 57.686 | 57.884 | 58.204 | 16 |
| 17 | 58.222 | 58.257 | 58.071 | 58.082 | 57.955 | 57.880 | 57.723 | 57.697 | 57.502 | 57.647 | 57.856 | 58.189 | 17 |
| 18 | 58.207 | 58.277 | 58.108 | 58.082 | 57.962 | 57.884 | 57.744 | 57.693 | 57.502 | 57.634 | 57.900 | 58.188 | 18 |
| 19 | 58.194 | 58.288 | 58.088 | 58.110 | 57.936 | 57.855 | 57.761 | 57.682 | 57.512 | 57.618 | 57.885 | 58.236 | 19 |
| 20 | 58.238 | 58.241 | 58.078 | 58.733 | 57.984 | 57.793 | 57.810 | 57.695 | 57.530 | 57.622 | 57.930 | 58.228 | 20 |
| 21 | 58.206 | 58.130 | 58.068 | 58.685 | 57.966 | 57.790 | 57.788 | 57.714 | 57.553 | 57.632 | 57.918 | 58.230 | 21 |
| 22 | 58.258 | 58.140 | 58.033 | 58.647 | 57.895 | 57.786 | 57.781 | 57.748 | 57.601 | 57.630 | 57.871 | 58.250 | 22 |
| 23 | 58.312 | 58.197 | 58.121 | 58.609 | 57.908 | 57.831 | 57.758 | 57.727 | 57.612 | 57.627 | 57.856 | 58.233 | 23 |
| 24 | 58.313 | 58.124 | 58.220 | 58.584 | 57.896 | 57.831 | 57.757 | 57.717 | 57.616 | 57.648 | 57.882 | 58.281 | 24 |
| 25 | 58.227 | 58.113 | 58.247 | 58.463 | 57.900 | 57.818 | 57.734 | 57.773 | 57.616 | 57.687 | 57.900 | 58.288 | 25 |
| 26 | 58.206 | 58.086 | 58.375 | 58.267 | 57.981 | 57.758 | 57.726 | 57.731 | 57.605 | 57.627 | 57.934 | 58.287 | 26 |
| 27 | 58.277 | 58.119 | 58.500 | 58.239 | 57.969 | 57.718 | 57.738 | 57.707 | 57.600 | 57.658 | 57.986 | 58.211 | 27 |
| 28 | 58.207 | 58.113 | 58.522 | 58.116 | 57.942 | 57.687 | 57.785 | 57.685 | 57.606 | 57.732 | 57.943 | 58.222 | 28 |
| 29 | 58.228 | | 58.544 | 58.062 | 57.933 | 57.689 | 57.710 | 57.703 | 57.601 | 57.772 | 57.949 | 58.213 | 29 |
| 30 | 58.338 | | 58.524 | 58.185 | 57.936 | 57.701 | 57.702 | 57.704 | 57.595 | 57.761 | 58.010 | 58.068 | 30 |
| 31 | 58.387 | | 58.748 | | 57.852 | | 57.694 | 57.692 | | 57.772 | | 58.111 | 31 |
| MEAN | 58.217 | 58.185 | 58.205 | 58.822 | 57.992 | 57.861 | 57.753 | 57.708 | 57.581 | 57.634 | 57.898 | 58.155 | MEAN |
| MAX | 58.387 | 58.359 | 58.748 | 58.167 | 58.186 | 57.983 | 57.858 | 57.773 | 57.685 | 57.772 | 58.010 | 58.291 | MAX |
| MIN | 58.130 | 58.091 | 58.033 | 58.082 | 57.852 | 57.689 | 57.682 | 57.642 | 57.502 | 57.560 | 57.778 | 58.021 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 57.889
MAXIMUM DAILY, 58.167 ON APR 11
MINIMUM DAILY, 57.502 ON SEP 17
MAXIMUM INSTANTANEOUS,
58.172 AT 00:55 EST ON APR 12

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 45 21 56 N
LONG. 75 48 18 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA
90 800 km²

## OTTAWA RIVER AT CHAT FALLS - STATION NO. 02KF009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 851 | 1 120 | 800 | 2 100 | 818 | 760 | 644 | 648 | 386 | 313 | 562 | 783 | 1 |
| 2 | 897 | 930 | 784 | 2 200 | 861 | 635 | 682 | 645 | 377 | 346 | 598 | 788 | 2 |
| 3 | 873 | 949 | 828 | 2 320 | 914 | 616 | 398 | 656 | 387 | 383 | 585 | 798 | 3 |
| 4 | 878 | 831 | 810 | 2 130 | 731 | 583 | 418 | 625 | 385 | 385 | 620 | 829 | 4 |
| 5 | 930 | 827 | 823 | 2 320 | 763 | 685 | 390 | 603 | 370 | 382 | 665 | 800 | 5 |
| 6 | 1 080 | 874 | 1 080 | 2 420 | 784 | 499 | 529 | 388 | 382 | 339 | 609 | 846 | 6 |
| 7 | 1 100 | 824 | 1 030 | 2 370 | 728 | 580 | 683 | 429 | 358 | 339 | 652 | 801 | 7 |
| 8 | 1 090 | 814 | 891 | 2 370 | 782 | 637 | 431 | 612 | 297 | 340 | 641 | 833 | 8 |
| 9 | 997 | 1 020 | 908 | 2 480 | 714 | 444 | 526 | 614 | 289 | 341 | 642 | 757 | 9 |
| 10 | 855 | 974 | 885 | 2 530 | 721 | 600 | 446 | 647 | 321 | 340 | 636 | 800 | 10 |
| 11 | 997 | 882 | 904 | 2 600 | 703 | 867 | 486 | 389 | 288 | 340 | 619 | 808 | 11 |
| 12 | 929 | 1 040 | 818 | 2 480 | 636 | 677 | 618 | 380 | 288 | 339 | 604 | 923 | 12 |
| 13 | 867 | 1 060 | 902 | 2 480 | 634 | 699 | 447 | 380 | 289 | 400 | 608 | 847 | 13 |
| 14 | 1 070 | 1 040 | 999 | 2 430 | 708 | 684 | 470 | 389 | 290 | 399 | 635 | 866 | 14 |
| 15 | 870 | 935 | 787 | 2 330 | 689 | 680 | 446 | 615 | 288 | 436 | 537 | 953 | 15 |
| 16 | 1 000 | 1 040 | 802 | 2 300 | 648 | 573 | 443 | 439 | 305 | 396 | 563 | 815 | 16 |
| 17 | 1 040 | 1 080 | 880 | 2 070 | 742 | 578 | 441 | 421 | 311 | 380 | 573 | 874 | 17 |
| 18 | 904 | 1 080 | 840 | 1 950 | 578 | 588 | 483 | 409 | 313 | 358 | 612 | 881 | 18 |
| 19 | 894 | 1 100 | 798 | 1 760 | 666 | 488 | 529 | 403 | 312 | 357 | 639 | 1 040 | 19 |
| 20 | 1 080 | 917 | 874 | 1 880 | 780 | 496 | 508 | 435 | 313 | 381 | 625 | 938 | 20 |
| 21 | 982 | 830 | 707 | 1 810 | 908 | 477 | 495 | 487 | 388 | 389 | 618 | 1 090 | 21 |
| 22 | 1 130 | 956 | 582 | 1 590 | 828 | 584 | 457 | 480 | 356 | 389 | 658 | 1 020 | 22 |
| 23 | 1 210 | 915 | 1 050 | 1 670 | 585 | 622 | 487 | 418 | 362 | 377 | 597 | 1 070 | 23 |
| 24 | 1 040 | 887 | 819 | 1 480 | 584 | 583 | 423 | 550 | 359 | 398 | 607 | 1 130 | 24 |
| 25 | 950 | 814 | 1 100 | 1 100 | 681 | 492 | 431 | 459 | 362 | 392 | 699 | 1 070 | 25 |
| 26 | 1 020 | 886 | 1 100 | 993 | 684 | 402 | 439 | 418 | 356 | 362 | 618 | 1 030 | 26 |
| 27 | 1 060 | 900 | 1 300 | 919 | 624 | 382 | 551 | 414 | 359 | 483 | 746 | 949 | 27 |
| 28 | 974 | 801 | 1 300 | 841 | 556 | 386 | 447 | 403 | 353 | 559 | 660 | 1 040 | 28 |
| 29 | 1 080 | | 1 520 | 926 | 719 | 385 | 374 | 456 | 241 | 456 | 678 | 951 | 29 |
| 30 | 1 240 | | 1 530 | 928 | 656 | 444 | 428 | 419 | 309 | 508 | 716 | 883 | 30 |
| 31 | 1 250 | | 1 880 | | 583 | | 416 | 385 | | 509 | | 1 010 | 31 |
| TOTAL | 31 213 | 26 500 | 30 209 | 66 918 | 21 258 | 16 733 | 14 431 | 13 366 | 10 018 | 12 004 | 18 686 | 28 523 | TOTAL |
| MEAN | 1 010 | 946 | 974 | 1 900 | 686 | 558 | 466 | 431 | 334 | 387 | 623 | 920 | MEAN |
| MAX | 1 250 | 1 120 | 1 880 | 2 600 | 981 | 756 | 826 | 550 | 396 | 559 | 746 | 1 130 | MAX |
| MIN | 851 | 801 | 582 | 841 | 456 | 382 | 374 | 380 | 288 | 313 | 537 | 883 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 787
MAXIMUM DAILY, 2 600 ON APR 11
MINIMUM DAILY, 288 ON SEP 11

DATA CONTRIBUTED BY
ONTARIO HYDRO

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT. 45 28 30 N
LONG. 75 14 21 W
DRAINAGE AREA, 89 800 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 780 000 | JUL | 1 250 000 |
| FEB | 2 280 000 | AUG | 1 150 000 |
| MAR | 2 610 000 | SEP | 885 000 |
| APR | 4 920 000 | OCT | 1 040 000 |
| MAY | 1 840 000 | NOV | 1 610 000 |
| JUN | 1 450 000 | DEC | 2 480 000 |

TOTAL DISCHARGE 24 200 000 dam³

## OTTAWA RIVER AT DES JOACHIMS - STATION NO 02KA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 591 | 588 | 602 | 987 | 354 | 411 | 294 | 418 | 284 | 253 | 343 | 516 | 1 |
| 2 | 742 | 548 | 724 | 875 | 316 | 350 | 309 | 327 | 272 | 258 | 386 | 824 | 2 |
| 3 | 818 | 571 | 819 | 850 | 338 | 422 | 270 | 336 | 286 | 280 | 415 | 593 | 3 |
| 4 | 813 | 693 | 833 | 718 | 413 | 295 | 284 | 314 | 262 | 259 | 396 | 571 | 4 |
| 5 | 708 | 681 | 795 | 756 | 444 | 385 | 323 | 332 | 262 | 280 | 440 | 433 | 5 |
| 6 | 724 | 764 | 865 | 928 | 328 | 328 | 370 | 307 | 280 | 280 | 422 | 410 | 6 |
| 7 | 731 | 819 | 671 | 1 080 | 337 | 264 | 321 | 287 | 282 | 280 | 398 | 804 | 7 |
| 8 | 581 | 788 | 606 | 1 070 | 349 | 357 | 378 | 359 | 371 | 263 | 372 | 550 | 8 |
| 9 | 686 | 847 | 756 | 1 180 | 376 | 339 | 353 | 370 | 286 | 280 | 399 | 588 | 9 |
| 10 | 584 | 854 | 742 | 1 230 | 381 | 237 | 303 | 377 | 280 | 280 | 382 | 578 | 10 |
| 11 | 634 | 868 | 641 | 1 210 | 384 | 356 | 370 | 394 | 280 | 280 | 425 | 673 | 11 |
| 12 | 768 | 881 | 585 | 1 240 | 421 | 408 | 387 | 372 | 280 | 280 | 392 | 572 | 12 |
| 13 | 733 | 883 | 615 | 1 230 | 347 | 351 | 370 | 340 | 280 | 280 | 389 | 524 | 13 |
| 14 | 713 | 960 | 550 | 1 250 | 483 | 308 | 374 | 308 | 280 | 280 | 371 | 653 | 14 |
| 15 | 776 | 810 | 555 | 1 180 | 322 | 271 | 352 | 318 | 286 | 245 | 368 | 706 | 15 |
| 16 | 712 | 762 | 623 | 918 | 234 | 278 | 330 | 317 | 280 | 247 | 389 | 665 | 16 |
| 17 | 738 | 898 | 585 | 936 | 328 | 250 | 380 | 345 | 281 | 240 | 399 | 674 | 17 |
| 18 | 679 | 678 | 511 | 901 | 358 | 247 | 338 | 434 | 280 | 240 | 422 | 671 | 18 |
| 19 | 695 | 805 | 442 | 858 | 303 | 318 | 355 | 411 | 280 | 233 | 396 | 664 | 19 |
| 20 | 698 | 778 | 608 | 1 020 | 392 | 238 | 327 | 394 | 248 | 279 | 452 | 691 | 20 |
| 21 | 705 | 705 | 426 | 952 | 272 | 281 | 393 | 371 | 284 | 299 | 328 | 796 | 21 |
| 22 | 739 | 642 | 513 | 792 | 326 | 258 | 362 | 363 | 285 | 302 | 325 | 658 | 22 |
| 23 | 678 | 620 | 595 | 564 | 333 | 266 | 279 | 380 | 262 | 299 | 488 | 661 | 23 |
| 24 | 669 | 660 | 448 | 673 | 273 | 386 | 272 | 362 | 280 | 307 | 463 | 539 | 24 |
| 25 | 664 | 624 | 545 | 277 | 310 | 223 | 408 | 333 | 280 | 290 | 490 | 583 | 25 |
| 26 | 629 | 591 | 648 | 321 | 308 | 179 | 356 | 276 | 280 | 280 | 438 | 702 | 26 |
| 27 | 629 | 571 | 595 | 395 | 333 | 282 | 335 | 317 | 280 | 325 | 493 | 619 | 27 |
| 28 | 1 020 | 478 | 731 | 383 | 246 | 275 | 382 | 323 | 263 | 380 | 402 | 708 | 28 |
| 29 | 1 050 | | 671 | 366 | 351 | 319 | 394 | 333 | 280 | 368 | 421 | 722 | 29 |
| 30 | 752 | | 769 | 425 | 318 | 302 | 375 | 298 | 251 | 385 | 443 | 821 | 30 |
| 31 | 830 | | 878 | | 288 | | 370 | 274 | | 366 | | 618 | 31 |
| TOTAL | 23 689 | 20 157 | 19 743 | 25 528 | 10 544 | 9 189 | 10 694 | 10 700 | 8 005 | 8 678 | 12 184 | 19 688 | TOTAL |
| MEAN | 764 | 720 | 637 | 851 | 340 | 306 | 345 | 345 | 267 | 280 | 406 | 635 | MEAN |
| MAX | 1 050 | 880 | 878 | 1 250 | 483 | 422 | 408 | 434 | 371 | 388 | 493 | 824 | MAX |
| MIN | 581 | 478 | 426 | 277 | 234 | 179 | 270 | 274 | 248 | 233 | 325 | 410 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 490
MAXIMUM DAILY 1 250 ON APR 14
MINIMUM DAILY 179 ON JUN 26

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 11 00 N
LONG 77 41 52 W
DRAINAGE AREA 57 500 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 050 000 | JUL | 924 000 |
| FEB | 1 740 000 | AUG | 924 000 |
| MAR | 1 710 000 | SEP | 692 000 |
| APR | 2 210 000 | OCT | 750 000 |
| MAY | 911 000 | NOV | 1 050 000 |
| JUN | 792 000 | DEC | 1 700 000 |

TOTAL DISCHARGE 15 500 000 dam³

## OTTAWA RIVER AT LA CAVE RAPIDS - STATION NO 02JE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 600 | 539 | 450 | 624 | 262 | 247 | 235 | 334 | 278 | 224 | 271 | 503 | 1 |
| 2 | 589 | 559 | 576 | 637 | 269 | 240 | 244 | 283 | 241 | 238 | 347 | 525 | 2 |
| 3 | 711 | 609 | 645 | 456 | 267 | 227 | 265 | 323 | 233 | 235 | 311 | 500 | 3 |
| 4 | 704 | 587 | 529 | 428 | 235 | 278 | 244 | 318 | 211 | 228 | 301 | 475 | 4 |
| 5 | 656 | 644 | 589 | 562 | 225 | 273 | 242 | 320 | 252 | 230 | 338 | 489 | 5 |
| 6 | 646 | 676 | 591 | 602 | 257 | 195 | 288 | 333 | 230 | 234 | 333 | 286 | 6 |
| 7 | 677 | 750 | 518 | 823 | 201 | 192 | 288 | 318 | 223 | 235 | 331 | 497 | 7 |
| 8 | 646 | 773 | 539 | 610 | 210 | 221 | 314 | 322 | 216 | 247 | 301 | 545 | 8 |
| 9 | 621 | 676 | 678 | 617 | 254 | 238 | 336 | 325 | 219 | 205 | 356 | 531 | 9 |
| 10 | 614 | 782 | 606 | 606 | 256 | 223 | 330 | 339 | 206 | 244 | 322 | 509 | 10 |
| 11 | 674 | 824 | 540 | 653 | 335 | 268 | 357 | 357 | 212 | 237 | 332 | 552 | 11 |
| 12 | 652 | 833 | 507 | 680 | 285 | 210 | 336 | 340 | 252 | 255 | 359 | 515 | 12 |
| 13 | 656 | 877 | 501 | 695 | 270 | 220 | 325 | 332 | 230 | 249 | 301 | 513 | 13 |
| 14 | 651 | 780 | 449 | 678 | 380 | 215 | 328 | 336 | 230 | 238 | 325 | 578 | 14 |
| 15 | 650 | 781 | 453 | 1 000 | 256 | 217 | 332 | 349 | 229 | 240 | 319 | 605 | 15 |
| 16 | 726 | 750 | 494 | 916 | 256 | 240 | 346 | 299 | 231 | 233 | 335 | 535 | 16 |
| 17 | 720 | 660 | 418 | 741 | 261 | 206 | 331 | 336 | 229 | 239 | 333 | 628 | 17 |
| 18 | 750 | 742 | 428 | 835 | 259 | 201 | 324 | 343 | 230 | 221 | 341 | 601 | 18 |
| 19 | 747 | 626 | 432 | 746 | 263 | 207 | 314 | 338 | 226 | 220 | 348 | 612 | 19 |
| 20 | 717 | 704 | 400 | 841 | 171 | 208 | 322 | 336 | 224 | 265 | 354 | 627 | 20 |
| 21 | 769 | 616 | 362 | 727 | 204 | 198 | 318 | 385 | 240 | 280 | 385 | 606 | 21 |
| 22 | 784 | 597 | 366 | 665 | 254 | 200 | 333 | 377 | 227 | 294 | 382 | 623 | 22 |
| 23 | 815 | 653 | 427 | 669 | 286 | 239 | 310 | 384 | 218 | 285 | 335 | 606 | 23 |
| 24 | 838 | 600 | 355 | 690 | 212 | 244 | 333 | 354 | 224 | 284 | 345 | 557 | 24 |
| 25 | 688 | 608 | 384 | 314 | 225 | 210 | 345 | 298 | 222 | 284 | 447 | 619 | 25 |
| 26 | 806 | 545 | 352 | 311 | 201 | 207 | 349 | 266 | 222 | 283 | 423 | 627 | 26 |
| 27 | 849 | 567 | 447 | 384 | 224 | 255 | 347 | 286 | 217 | 312 | 415 | 529 | 27 |
| 28 | 878 | 571 | 458 | 311 | 218 | 236 | 348 | 294 | 227 | 317 | 393 | 575 | 28 |
| 29 | 850 | | 467 | 295 | 201 | 225 | 345 | 318 | 228 | 307 | 332 | 713 | 29 |
| 30 | 807 | | 530 | 294 | 243 | 266 | 362 | 297 | 235 | 298 | 436 | 652 | 30 |
| 31 | 769 | | 618 | | 242 | | 338 | 287 | | 305 | | 568 | 31 |
| TOTAL | 22 469 | 19 139 | 15 108 | 19 110 | 7 520 | 6 806 | 9 790 | 10 021 | 6 882 | 7 938 | 10 351 | 17 585 | TOTAL |
| MEAN | 725 | 684 | 487 | 637 | 243 | 227 | 316 | 323 | 229 | 256 | 345 | 567 | MEAN |
| MAX | 878 | 877 | 678 | 1 000 | 335 | 278 | 362 | 377 | 278 | 317 | 447 | 713 | MAX |
| MIN | 600 | 539 | 352 | 294 | 171 | 192 | 235 | 268 | 206 | 206 | 271 | 286 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 418
MAXIMUM DAILY 1 000 ON APR 15
MINIMUM DAILY 171 ON MAY 20

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 22 40 N
LONG 76 43 24 W
DRAINAGE AREA 47 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 940 000 | JUL | 845 000 |
| FEB | 1 650 000 | AUG | 885 000 |
| MAR | 1 310 000 | SEP | 593 000 |
| APR | 1 650 000 | OCT | 686 000 |
| MAY | 650 000 | NOV | 894 000 |
| JUN | 588 000 | DEC | 1 520 000 |

TOTAL DISCHARGE 13 200 000 dam³

## OTTAWA RIVER BELOW TEMISCAMING - STATION NO 02JE024

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 177.211 | 177.079 | 177.505 | 177.433 | 177.221 | 176.956 | 176.009 | 177.189 | 177.389 | 1 |
| 2 | --- | --- | --- | 177.220 | 177.145 | 177.522 | 177.413 | 177.202 | 176.947 | 176.989 | 177.244 | 177.236 | 2 |
| 3 | --- | --- | --- | 176.350 | 177.230 | 177.496 | 177.388 | 177.215 | 176.878 | 176.984 | 177.211 | 177.039 | 3 |
| 4 | --- | --- | --- | 175.004 | 177.278 | 177.520 | 177.348 | 177.258 | 176.887 | 176.012 | 177.231 | 176.882 | 4 |
| 5 | --- | --- | --- | 175.522 | 177.386 | 177.485 | 177.429 | 177.291 | 176.906 | 176.002 | 177.239 | 176.885 | 5 |
| 6 | --- | --- | --- | 176.623 | 177.428 | 177.472 | 177.404 | 177.322 | 176.882 | 176.006 | 177.247 | 177.039 | 6 |
| 7 | --- | --- | --- | 176.783 | 177.444 | 177.514 | 177.482 | 177.316 | 176.889 | 176.001 | 177.313 | 177.235 | 7 |
| 8 | --- | --- | --- | 176.585 | 177.498 | 177.527 | 177.441 | 177.383 | 176.904 | 176.028 | 177.354 | 177.253 | 8 |
| 9 | --- | --- | --- | 176.863 | 177.484 | 177.518 | 177.384 | 177.393 | 176.901 | 176.887 | 177.337 | 177.133 | 9 |
| 10 | --- | --- | --- | 176.743 | 177.537 | 177.594 | 177.481 | 177.276 | 176.877 | 176.040 | 177.300 | 177.235 | 10 |
| 11 | --- | --- | --- | 176.048 | 177.484 | 177.433 | 177.433 | 177.235 | 176.843 | 176.022 | 177.318 | 177.185 | 11 |
| 12 | --- | --- | --- | 176.030 | 177.400 | 177.315 | 177.404 | 177.156 | 176.821 | 176.884 | 177.332 | 177.289 | 12 |
| 13 | --- | --- | --- | 176.039 | 177.481 | 177.324 | 177.388 | 177.078 | 176.832 | 176.946 | 177.278 | 177.357 | 13 |
| 14 | --- | --- | --- | 176.028 | 177.200 | 177.335 | 177.385 | 177.060A | 176.821 | 176.812 | 177.318 | 177.325 | 14 |
| 15 | --- | --- | --- | 176.003 | 177.288 | 177.383 | 177.385 | 177.040E | 176.828 | 176.907 | 177.398 | 177.384 | 15 |
| 16 | --- | --- | --- | 175.940 | 177.389 | 177.284 | 177.328 | 177.010E | 176.888 | 176.933 | 177.384 | 177.377 | 16 |
| 17 | --- | --- | --- | 176.211 | 177.381 | 177.304 | 177.223 | 176.988E | 176.881 | 176.925 | 177.349 | 177.368 | 17 |
| 18 | --- | --- | --- | 176.289 | 177.353 | 177.343 | 177.180 | 176.958E | 176.804 | 176.956 | 177.347 | 177.346 | 18 |
| 19 | --- | --- | --- | 176.262 | 177.361 | 177.361 | 177.288 | 176.930A | 176.885 | 176.978 | 177.428 | 177.370 | 19 |
| 20 | --- | --- | --- | 176.245 | 177.350 | 177.445 | 177.283 | 176.827 | 176.826 | 176.286 | 177.389 | 177.388 | 20 |
| 21 | --- | --- | --- | 176.282 | 177.412 | 177.540 | 177.286 | 176.719 | 176.804 | 176.348 | 177.384 | 177.361 | 21 |
| 22 | --- | --- | --- | 176.446 | 177.346 | 177.508 | 177.257 | 176.888 | 176.887 | 176.431 | 177.347 | 177.374 | 22 |
| 23 | --- | --- | --- | 176.883 | 177.307 | 177.550 | 177.301 | 176.575 | 176.998 | 176.477 | 177.348 | 177.341 | 23 |
| 24 | --- | --- | --- | 176.805 | 177.389 | 177.557 | 177.302 | 176.513 | 176.994 | 176.587 | 177.384 | 177.383 | 24 |
| 25 | --- | --- | --- | 176.879 | 177.416 | 177.488 | 177.283 | 176.415 | 176.976 | 176.788 | 177.238 | 177.384 | 25 |
| 26 | --- | --- | --- | 176.726 | 177.419 | 177.492 | 177.326 | 176.426 | 176.082 | 176.905 | 177.196 | 177.282 | 26 |
| 27 | --- | --- | --- | 176.680 | 177.481 | 177.536 | 177.276 | 176.368 | 176.044 | 176.941 | 177.104 | 177.421 | 27 |
| 28 | --- | --- | --- | 176.787 | 177.484 | 177.576 | 177.285 | 176.315 | 176.010 | 177.006 | 177.188 | 177.387 | 28 |
| 29 | --- | --- | --- | 176.876 | 177.537 | 177.530 | 177.223 | 176.206 | 176.027 | 176.853 | 177.302 | 177.251 | 29 |
| 30 | --- | --- | --- | 176.881 | 177.587 | 177.489 | 177.222 | 176.120 | 176.883 | 176.870 | 177.422 | 177.038 | 30 |
| 31 | --- | --- | --- | | 177.599 | | 177.200 | 176.988 | | 177.138 | | 177.132 | 31 |
| MEAN | --- | --- | --- | 176.890 | 177.382 | 177.483 | 177.335 | 176.892 | 176.877 | 176.278 | 177.301 | 177.257 | MEAN |
| MAX | --- | --- | --- | 176.881 | 177.599 | 177.594 | 177.481 | 177.383 | 176.083 | 177.138 | 177.428 | 177.421 | MAX |
| MIN | --- | --- | --- | 176.211 | 177.079 | 177.284 | 177.180 | 176.988 | 176.882 | 176.907 | 177.104 | 176.882 | MIN |

WATER LEVELS IN METRES

MAXIMUM DAILY, 177.599 ON MAY 31

MAXIMUM INSTANTANEOUS,
177.745 AT 07 35 EST ON JUN 6

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - TRANSFERRED TO WRB-ONT REG FROM DPW-QUE APR 1987

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 42 26 N
LONG 79 08 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

## OUSE RIVER NEAR WESTWOOD - STATION NO 02HJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.87 | 1.14 B | 1.048 | 20.1 | 4.15 | 1.10 | 0.356 | 0.243 | 0.185 | 0.139 | 0.510 | 3.73 | 1 |
| 2 | 2.89 | 1.14 B | 1.408 | 18.2 | 3.72 | 1.00 | 0.355 | 0.189 | 0.247 | 0.133 | 0.440 | 3.70 | 2 |
| 3 | 2.128 | 1.15 B | 1.788 | 19.1 | 3.28 | 1.04 | 0.347 | 0.178 | 0.088 | 0.188 | 0.426 | 2.108 | 3 |
| 4 | 2.018 | 1.16 B | 1.828 | 18.1 | 3.00 | 1.06 | 0.342 | 0.167 | 0.105 | 0.178 | 0.448 | 2.708 | 4 |
| 5 | 2.148 | 1.16 B | 1.678 | 24.1 | 2.74 | 0.972 | 0.340 | 0.136 | 0.106 | 0.170 | 0.476 | 2.408 | 5 |
| 6 | 2.15 | 1.16 B | 1.818 | 26.5 | 2.53 | 0.939 | 0.335 | 0.139 | 0.146 | 0.170 | 0.573 | 2.108 | 6 |
| 7 | 2.09 | 1.15 B | 2.088 | 23.1 | 2.31 | 0.985 | 0.314 | 0.092 | 0.115 | 0.283 | 0.552 | 1.708 | 7 |
| 8 | 1.738 | 1.14 B | 3.508 | 19.4 | 2.13 | 1.18 | 0.312 | 0.128 | 0.120 | 0.659 | 0.689 | 1.728 | 8 |
| 9 | 2.10 | 1.13 B | 5.058 | 17.2 | 1.96 | 1.33 | 0.433 | 0.150 | 0.180 | 0.582 | 1.23 | 1.77 | 9 |
| 10 | 1.90 | 1.11 B | 4.61 | 14.5 | 1.89 | 1.23 | 0.378 | 0.172 | 0.174 | 0.471 | 1.31 | 2.71 | 10 |
| 11 | 1.94 | 1.08 B | 4.73 | 12.9 | 1.95 | 1.06 | 0.513 | 0.158 | 0.158 | 0.441 | 1.12 | 3.40 | 11 |
| 12 | 1.86 | 1.06 B | 3.84 | 11.3 | 1.87 | 1.02 | 0.896 | 0.183 | 0.117 | 0.359 | 0.983 | 3.40 | 12 |
| 13 | 1.81 | 1.04 B | 3.37 | 9.58 | 1.88 | 1.06 | 0.709 | 0.140 | 0.139 | 0.315 | 0.837 | 3.46 | 13 |
| 14 | 1.76 | 1.03 B | 3.26 | 8.14 | 1.58 | 1.02 | 0.791 | 0.135 | 0.157 | 0.271 | 0.825 | 3.52 | 14 |
| 15 | 1.91 | 1.02 B | 3.04 | 6.80 | 1.81 | 0.948 | 0.888 | 0.107 | 0.114 | 0.288 | 0.881 | 3.26 | 15 |
| 16 | 1.548 | 1.01 B | 3.12 | 5.46 | 1.74 | 0.826 | 0.811 | 0.085 | 0.100 | 0.233 | 0.801 | 3.00 | 16 |
| 17 | 1.508 | 1.00 B | 3.30 | 5.82 | 1.56 | 0.891 | 0.602 | 0.096 | 0.093 | 0.201 | 0.771 | 2.848 | 17 |
| 18 | 1.478 | 0.9808 | 3.60 | 5.36 | 1.47 | 0.857 | 0.437 | 0.087 | 0.089 | 0.226 | 0.885 | 2.888 | 18 |
| 19 | 1.448 | 0.9708 | 4.61 | 5.04 | 1.32 | 0.552 | 0.382 | 0.085 | 0.100 | 0.726 | 1.08 | 2.628 | 19 |
| 20 | 1.418 | 0.9508 | 5.458 | 4.77 | 1.34 | 0.537 | 0.343 | 0.082 | 0.128 | 0.267 | 1.11 | 2.81 | 20 |
| 21 | 1.378 | 0.9408 | 6.80 | 4.40 | 1.21 | 0.456 | 0.298 | 0.085 | 0.191 | 0.283 | 0.8258 | 3.54 | 21 |
| 22 | 1.388 | 0.9258 | 7.85 | 4.08 | 1.32 | 0.462 | 0.283 | 0.083 | 0.289 | 0.258 | 0.7808 | 4.10 | 22 |
| 23 | 1.288 | 0.9158 | 10.6 | 3.81 | 1.52 | 0.482 | 0.230 | 0.127 | 0.220 | 0.385 | 0.683 | 4.10 | 23 |
| 24 | 1.348 | 0.9108 | 11.8 | 3.59 | 1.39 | 0.513 | 0.247 | 0.073 | 0.234 | 0.531 | 0.745 | 3.78 | 24 |
| 25 | 1.188 | 0.9078 | 12.6 | 3.19 | 1.31 | 0.437 | 0.242 | 0.074 | 0.190 | 0.584 | 0.802 | 4.36 | 25 |
| 26 | 1.158 | 0.9128 | 12.4 | 2.91 | 1.27 | 0.467 | 0.201 | 0.078 | 0.191 | 0.580 | 0.931 | 5.838 | 26 |
| 27 | 1.128 | 0.9258 | 12.4 | 2.85 | 1.35 | 0.513 | 0.193 | 0.075 | 0.128 | 0.533 | 0.912 | 4.908 | 27 |
| 28 | 1.118 | 0.9608 | 11.6 | 3.61 | 1.36 | 0.526 | 0.174 | 0.073 | 0.128 | 0.638 | 0.914 | 3.938 | 28 |
| 29 | 1.118 | | 10.2 | 4.71 | 1.29 | 0.532 | 0.180 | 0.087 | 0.138 | 0.552 | 1.37 | 3.198 | 29 |
| 30 | 1.128 | | 10.1 | 4.71 | 1.21 | 0.425 | 0.173 | 0.096 | 0.146 | 0.481 | 3.00 | 2.488 | 30 |
| 31 | 1.138 | | 15.0 | | 1.24 | | 0.178 | 0.135 | | 0.438 | | 3.118 | 31 |
| TOTAL | 51.80 | 28.974 | 185.04 | 316.76 | 58.62 | 24.318 | 12.324 | 3.697 | 4.421 | 11.009 | 27.181 | 98.55 | TOTAL |
| MEAN | 1.65 | 1.03 | 5.97 | 10.6 | 1.89 | 0.811 | 0.398 | 0.119 | 0.147 | 0.355 | 0.905 | 3.18 | MEAN |
| MAX | 2.87 | 1.16 | 15.0 | 26.5 | 4.15 | 1.33 | 0.896 | 0.243 | 0.289 | 0.638 | 3.00 | 5.83 | MAX |
| MIN | 1.11 | 0.907 | 1.04 | 2.85 | 1.21 | 0.425 | 0.173 | 0.073 | 0.088 | 0.133 | 0.426 | 1.70 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.25
MAXIMUM DAILY, 26.5 ON APR 6
MINIMUM DAILY, 0.073 ON AUG 24
MAXIMUM INSTANTANEOUS
27.2 AT 00 23 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 44 17 50 N
LONG 76 02 50 W
DRAINAGE AREA, 282 km²

B ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 480 | JUL | 1 080 |
| FEB | 2 500 | AUG | 319 |
| MAR | 15 000 | SEP | 382 |
| APR | 27 400 | OCT | 851 |
| MAY | 5 060 | NOV | 2 350 |
| JUN | 2 100 | DEC | 8 510 |

TOTAL DISCHARGE, 71 100 dam³

## OXTONGUE RIVER NEAR DWIGHT - STATION NO 02EB014

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.60 | 3.168 | 4.508 | 38.9 | 8.27 | 4.76 | 3.06 | 1.03 | 1.25 | 9.38 | 6.88 | 8.36 | 1 |
| 2 | 4.65 | 3.358 | 4.808 | 35.6 | 7.96 | 4.49 | 2.92 | 1.00 | 1.32 | 7.67 | 6.27 | 9.02 | 2 |
| 3 | 4.608 | 3.788 | 4.808 | 32.3 | 7.72 | 4.37 | 2.81 | 0.994 | 1.35 | 6.85 | 5.88 | 8.84 | 3 |
| 4 | 4.458 | 3.428 | 4.508 | 29.7 | 7.34 | 4.25 | 2.71 | 1.02 | 1.36 | 6.22 | 5.74 | 8.33 | 4 |
| 5 | 4.38 | 3.118 | 4.508 | 28.1 | 6.95 | 4.06 | 2.14 | 0.970 | 1.38 | 5.82 | 5.78 | 7.79 | 5 |
| 6 | 4.35 | 3.21 | 4.45 | 29.5 | 6.56 | 3.83 | 1.71 | 0.926 | 1.39 | 5.64 | 5.71 | 7.20 | 6 |
| 7 | 4.21 | 3.23 | 5.23 | 35.0 | 6.11 | 3.77 | 1.48 | 0.878 | 1.38 | 5.83 | 5.45 | 6.538 | 7 |
| 8 | 4.15 | 3.208 | 9.57 | 39.1 | 5.86 | 3.98 | 1.35 | 0.832 | 1.42 | 5.85 | 5.14 | 6.19 | 8 |
| 9 | 4.11 | 3.168 | 10.2 | 38.4 | 4.82 | 4.08 | 1.26 | 0.813 | 1.44 | 5.58 | 5.04 | 6.668 | 9 |
| 10 | 4.10 | 3.058 | 9.84 | 36.4 | 4.14 | 4.06 | 1.18 | 0.781 | 1.46 | 5.47 | 4.86 | 9.07 | 10 |
| 11 | 3.93 | 2.928 | 9.34 | 34.5 | 3.89 | 3.45 | 1.14 | 0.766 | 1.47 | 5.16 | 4.64 | 12.5 | 11 |
| 12 | 3.89 | 2.768 | 8.79 | 32.9 | 3.87 | 3.16 | 1.12 | 0.714 | 1.50 | 4.82 | 4.36 | 13.5 | 12 |
| 13 | 3.88 | 2.658 | 8.28 | 31.1 | 3.81 | 3.07 | 1.10 | 0.695 | 1.52 | 4.68 | 4.21 | 12.0 | 13 |
| 14 | 3.86 | 2.358 | 7.80 | 29.0 | 3.75 | 3.02 | 1.33 | 0.766 | 1.55 | 4.45 | 4.13 | 11.1 | 14 |
| 15 | 3.82 | 2.228 | 7.29 | 26.8 | 4.14 | 2.87 | 1.34 | 1.08 | 1.55 | 4.23 | 4.06 | 10.6 | 15 |
| 16 | 3.748 | 2.158 | 6.84 | 25.2 | 4.07 | 2.87 | 1.29 | 1.15 | 1.84 | 4.10 | 3.95 | 10.4 | 16 |
| 17 | 3.718 | 2.068 | 6.38 | 18.5 | 4.06 | 2.45 | 1.23 | 1.23 | 5.13 | 4.08 | 3.90 | 10.1 | 17 |
| 18 | 3.688 | 2.068 | 5.82 | 13.9 | 4.03 | 2.26 | 1.19 | 1.21 | 8.82 | 4.78 | 4.28 | 9.398 | 18 |
| 19 | 3.618 | 2.018 | 5.62 | 12.0 | 3.80 | 2.17 | 1.16 | 1.17 | 10.3 | 5.05 | 4.78 | 9.08 | 19 |
| 20 | 3.588 | 2.008 | 5.38 | 11.1 | 3.75 | 2.07 | 1.15 | 1.12 | 10.6 | 4.84 | 5.38 | 9.13 | 20 |
| 21 | 3.508 | 2.088 | 5.19 | 10.6 | 3.58 | 1.97 | 1.12 | 1.08 | 10.6 | 4.79 | 5.28 | 9.24 | 21 |
| 22 | 3.458 | 5.408 | 5.32 | 10.1 | 3.78 | 1.80 | 1.09 | 1.06 | 11.2 | 4.55 | 4.81 | 9.39 | 22 |
| 23 | 3.418 | 5.238 | 6.07 | 9.84 | 3.91 | 1.61 | 1.05 | 1.01 | 12.7 | 4.59 | 4.57 | 9.25 | 23 |
| 24 | 3.378 | 5.108 | 7.82 | 9.16 | 4.33 | 1.73 | 1.02 | 0.957 | 13.1 | 4.67 | 4.78 | 9.22 | 24 |
| 25 | 3.348 | 4.808 | 10.4 | 8.75 | 4.47 | 1.77 | 1.04 | 0.932 | 13.1 | 5.82 | 5.37 | 9.19 | 25 |
| 26 | 3.318 | 4.708 | 15.0 | 8.33 | 4.84 | 2.34 | 1.03 | 0.932 | 12.8 | 6.58 | 5.87 | 8.808 | 26 |
| 27 | 3.288 | 4.558 | 20.8 | 8.07 | 5.12 | 2.70 | 1.03 | 0.936 | 12.0 | 7.05 | 5.87 | 8.808 | 27 |
| 28 | 3.268 | 4.408 | 23.6 | 8.26 | 5.84 | 2.88 | 1.11 | 0.932 | 11.8 | 7.86 | 5.70 | 8.408 | 28 |
| 29 | 3.218 | | 25.1 | 8.34 | 5.86 | 3.01 | 1.13 | 0.944 | 11.3 | 8.24 | 5.82 | 8.388 | 29 |
| 30 | 3.178 | | 30.4 | 8.39 | 5.32 | 3.14 | 1.13 | 0.953 | 11.0 | 7.88 | 8.68 | 8.708 | 30 |
| 31 | 3.158 | | 38.4 | | 4.82 | | 1.08 | 1.14 | | 7.55 | | 8.37 | 31 |
| TOTAL | 117.90 | 92.16 | 324.10 | 668.85 | 158.38 | 91.98 | 64.48 | 30.083 | 177.33 | 180.62 | 155.51 | 284.32 | TOTAL |
| MEAN | 3.80 | 3.29 | 10.5 | 22.3 | 5.04 | 3.07 | 1.43 | 0.989 | 5.91 | 5.83 | 5.18 | 9.17 | MEAN |
| MAX | 4.65 | 5.40 | 38.4 | 38.1 | 8.27 | 4.76 | 3.06 | 1.23 | 13.1 | 9.38 | 6.88 | 13.5 | MAX |
| MIN | 3.15 | 2.00 | 4.45 | 8.07 | 3.58 | 1.73 | 1.02 | 0.695 | 1.25 | 4.08 | 3.90 | 6.19 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.37
MAXIMUM DAILY, 38.4 ON MAR 31
MINIMUM DAILY, 0.695 ON AUG 13
MAXIMUM INSTANTANEOUS,
40.8 AT 17:47 EST ON MAR 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 47 N
LONG 78 59 32 W
DRAINAGE AREA, 801 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 10 200 | JUL | 3 840 |
| FEB | 7 950 | AUG | 3 600 |
| MAR | 28 000 | SEP | 15 300 |
| APR | 57 800 | OCT | 15 600 |
| MAY | 13 500 | NOV | 13 400 |
| JUN | 7 950 | DEC | 24 600 |

TOTAL DISCHARGE, 201 000 dam³

## PAGWACHUAN RIVER AT HIGHWAY NO 11 - STATION NO 04JD005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.458 | 3.108 | 3.008 | 5.308 | 31.8 | 26.9 | 3.85 | 13.2 | 5.26 | 14.8 | 18.5 | 17.5 B | 1 |
| 2 | 4.358 | 3.108 | 3.008 | 5.258 | 28.7 | 24.5 | 3.51 | 11.7 | 4.93 | 17.1 | 18.7 | 16.3 B | 2 |
| 3 | 4.258 | 3.108 | 3.008 | 5.208 | 25.9 | 23.0 | 3.73 | 11.5 | 4.63 | 18.7 | 18.3 | 15.4 B | 3 |
| 4 | 4.208 | 3.108 | 3.008 | 5.208 | 23.5 | 19.5 | 4.07 | 12.4 | 4.23 | 19.1 | 17.8 | 14.7 B | 4 |
| 5 | 4.108 | 3.098 | 3.008 | 5.708 | 31.4 | 18.5 | 4.04 | 13.2 | 4.13 | 18.9 | 17.7 | 14.0 B | 5 |
| 6 | 4.038 | 3.098 | 3.008 | 6.808 | 18.7 | 17.2 | 3.88 | 13.1 | 5.03 | 18.7 | 16.8 | 13.2 B | 6 |
| 7 | 3.988 | 3.088 | 3.008 | 8.808 | 17.8 | 16.7 | 3.81 | 12.5 | 6.66 | 25.0 | 14.4 | 12.7 B | 7 |
| 8 | 3.928 | 3.078 | 3.008 | 10.7 B | 16.4 | 16.7 | 3.38 | 11.8 | 7.88 | 31.2 | 15.0 | 12.5 B | 8 |
| 9 | 3.858 | 3.088 | 3.008 | 12.5 B | 15.3 | 16.0 | 3.24 | 10.8 | 8.80 | 32.5 | 13.5 | 12.4 B | 9 |
| 10 | 3.808 | 3.058 | 3.008 | 14.5 B | 14.0 | 15.0 | 3.47 | 10.6 | 9.30 | 31.9 | 12.6 | 12.3 B | 10 |
| 11 | 3.758 | 3.048 | 3.008 | 22.0 B | 13.0 | 13.9 | 3.45 | 10.2 | 10.1 | 30.5 | 12.5 | 12.3 B | 11 |
| 12 | 3.708 | 3.038 | 3.008 | 30.0 B | 12.1 | 18.0 | 3.45 | 9.80 | 11.3 | 29.1 | 13.6 | 12.4 B | 12 |
| 13 | 3.868 | 3.028 | 3.008 | 35.5 B | 11.4 | 18.7 | 3.44 | 9.33 | 12.8 | 27.2 | 14.2 | 12.8 B | 13 |
| 14 | 3.828 | 3.018 | 3.008 | 41.0 B | 11.5 | 16.9 | 3.82 | 8.73 | 13.3 | 25.4 | 13.3 | 12.4 B | 14 |
| 15 | 3.588 | 3.008 | 3.008 | 50.0 B | 11.0 | 14.3 | 3.87 | 8.58 | 13.6 | 24.5 | 12.1 | 12.2 B | 15 |
| 16 | 3.528 | 3.008 | 3.028 | 58.5 B | 10.7 | 12.7 | 3.74 | 10.7 | 13.5 | 24.3 | 12.1 | 12.1 B | 16 |
| 17 | 3.478 | 3.008 | 3.048 | 69.5 | 10.5 | 11.1 | 3.67 | 14.3 | 12.9 | 23.2 | 14.3 | 11.6 B | 17 |
| 18 | 3.428 | 3.008 | 3.088 | 82.3 | 10.1 | 9.82 | 3.79 | 15.5 | 11.9 | 43.2 | 24.3 | 11.5 B | 18 |
| 19 | 3.378 | 3.008 | 3.128 | 82.8 | 9.84 | 8.05 | 3.80 | 15.3 | 11.2 | 46.3 | 24.2 | 11.2 B | 19 |
| 20 | 3.338 | 3.008 | 3.288 | 83.7 | 9.16 | 7.86 | 4.22 | 14.1 | 10.9 | 45.6 | 36.5 | 11.0 B | 20 |
| 21 | 3.298 | 3.008 | 3.388 | 84.6 | 8.26 | 7.00 | 4.63 | 13.1 | 10.7 | 43.2 | 35.1 | 10.8 B | 21 |
| 22 | 3.268 | 3.008 | 3.558 | 82.9 | 12.5 | 6.32 | 4.61 | 12.2 | 10.3 | 39.6 | 33.28 | 10.4 B | 22 |
| 23 | 3.248 | 3.008 | 3.808 | 67.9 | 14.2 | 5.84 | 4.76 | 11.3 | 9.85 | 36.3 | 31.58 | 10.2 B | 23 |
| 24 | 3.228 | 3.008 | 4.008 | 51.4 | 24.2 | 5.17 | 14.5 | 10.3 | 9.27 | 33.3 | 28.38 | 9.958 | 24 |
| 25 | 3.208 | 3.008 | 4.358 | 45.7 | 33.3 | 4.81 | 20.0 | 9.83 | 8.56 | 29.6 | 27.28 | 9.708 | 25 |
| 26 | 3.188 | 3.008 | 4.758 | 41.3 | 37.0 | 4.64 | 23.1 | 8.75 | 7.86 | 27.3 | 24.98 | 9.488 | 26 |
| 27 | 3.178 | 3.008 | 5.058 | 38.5 | 37.8 | 4.18 | 23.6 | 7.83 | 7.38 | 25.8 | 23.38 | 9.208 | 27 |
| 28 | 3.158 | 3.008 | 5.158 | 37.6 | 36.5 | 4.13 | 23.2 | 7.18 | 7.20 | 24.4 | 21.68 | 8.958 | 28 |
| 29 | 3.148 | | 5.228 | 36.7 | 34.6 | 4.02 | 20.3 | 8.60 | 8.32 | 22.9 | 20.28 | 8.708 | 29 |
| 30 | 3.138 | | 5.248 | 34.2 | 31.8 | 3.91 | 18.1 | 8.06 | 13.0 | 21.8 | 18.68 | 8.408 | 30 |
| 31 | 3.128 | | 5.368 | | 29.2 | | 15.8 | 5.61 | | 20.6 | | 8.208 | 31 |
| TOTAL | 111.43 | 84.84 | 110.37 | 1 037.25 | 825.84 | 368.38 | 246.71 | 335.61 | 276.31 | 882.6 | 616.6 | 384.25 | TOTAL |
| MEAN | 3.59 | 3.03 | 3.56 | 34.6 | 20.2 | 12.3 | 7.96 | 10.8 | 9.18 | 28.5 | 20.6 | 11.8 | MEAN |
| MAX | 4.45 | 3.10 | 5.35 | 84.6 | 37.8 | 26.9 | 23.6 | 15.6 | 13.6 | 46.3 | 36.5 | 17.5 | MAX |
| MIN | 3.12 | 3.00 | 3.00 | 8.20 | 9.16 | 3.91 | 3.24 | 5.61 | 4.13 | 14.8 | 12.1 | 8.20 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 84.6 ON APR 21
MINIMUM DAILY, 3.008 ON FEB 15
MAXIMUM INSTANTANEOUS,
85.4 AT 14:44 EST ON APR 21

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 00 N
LONG 85 14 00 W
DRAINAGE AREA, 2 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 8 930 | JUL | 21 300 |
| FEB | 7 340 | AUG | 28 000 |
| MAR | 9 540 | SEP | 23 800 |
| APR | 89 600 | OCT | 76 300 |
| MAY | 54 100 | NOV | 53 300 |
| JUN | 31 800 | DEC | 31 600 |

TOTAL DISCHARGE, 437 000 dam³

## PARKHILL CREEK ABOVE PARKHILL RESERVOIR - STATION NO. 02FF006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.10 | 0.1808 | 2.00 B | 2.35 | 0.187 | 1.11 | 0.018 | 0 | 0 | 0.015 | 0.883 | 4.67 | 1 |
| 2 | 1.03 | 0.1728 | 13.5 B | 3.63 | 0.183 | 0.984 | 0.013 | 0.002 | 0 | 0.023 | 0.821 | 3.23 | 2 |
| 3 | 0.884 | 0.1688 | 9.80 B | 4.22 | 0.149 | 0.408 | 0.013 | 0.017 | 0 | 0.124 | 0.492 | 2.85 | 3 |
| 4 | 0.7408 | 0.1638 | 5.40 B | 3.63 | 0.130 | 0.228 | 0.017 | 0.015 | 0 | 0.123 | 0.433 | 2.90 | 4 |
| 5 | 0.6808 | 0.1588 | 3.40 B | 8.22 | 0.123 | 0.152 | 0.035 | 0.010 | 0 | 0.083 | 0.368 | 2.51 | 5 |
| 6 | 0.6358 | 0.1528 | 4.90 B | 5.88 | 0.122 | 0.110 | 0.037 | 0.009 | 0 | 0.041 | 0.312 | 2.31 | 6 |
| 7 | 0.841 | 0.1508 | 13.0 B | 2.85 | 0.121 | 0.094 | 0.025 | 0.007 | 0 | 0.031 | 0.295 | 2.14 | 7 |
| 8 | 0.755 | 0.1488 | 16.5 B | 1.71 | 0.121 | 0.188 | 0.018 | 0.006 | 0 | 0.942 | 0.570 | 2.87 | 8 |
| 9 | 0.724 | 0.1468 | 9.90 B | 1.18 | 0.112 | 0.158 | 0.014 | 0.008 | 0 | 1.10 | 3.86 | 15.2 | 9 |
| 10 | 0.680 | 0.1448 | 4.00 B | 0.842 | 0.107 | 0.084 | 0.082 | 0.025 | 0 | 0.358 | 2.35 | 10.6 | 10 |
| 11 | 0.802 | 0.1428 | 2.40 B | 0.888 | 0.088 | 0.080 | 0.541 | 0.042 | 0 | 0.182 | 1.17 | 4.38 | 11 |
| 12 | 0.519 | 0.1418 | 1.30 B | 1.60 | 0.095 | 0.082 | 0.158 | 0.022 | 0 | 0.126 | 0.733 | 4.36 | 12 |
| 13 | 0.482 | 0.1388 | 0.680 | 5.44 | 0.084 | 0.083 | 0.082 | 0.012 | 0 | 0.085 | 0.531 | 3.85 | 13 |
| 14 | 0.485 | 0.1378 | 0.751 | 2.48 | 0.082 | 0.187 | 0.085 | 0.009 | 0 | 0.081 | 0.408 | 3.25 | 14 |
| 15 | 4.29 | 0.1368 | 0.613 | 1.76 | 0.088 | 0.105 | 0.051 | 0.005 | 0 | 0.050 | 0.312 | 7.44 | 15 |
| 16 | 8.00 | 0.1358 | 0.638 | 1.38 | 0.092 | 0.058 | 0.035 | 0.003 | 0 | 0.042 | 0.280 | 14.2 | 16 |
| 17 | 2.05 B | 0.1348 | 0.612 | 0.980 | 0.078 | 0.040 | 0.023 | 0.003 | 0.001 | 0.039 | 0.243 | 5.62 | 17 |
| 18 | 1.05 B | 0.1338 | 0.650 | 0.738 | 0.071 | 0.030 | 0.014 | 0 | 0.008 | 0.037 | 0.240 | 3.32 | 18 |
| 19 | 0.7418 | 0.1328 | 0.688 | 0.580 | 0.080 | 0.024 | 0.011 | 0 | 0.011 | 0.037 | 0.212 | 2.40 | 19 |
| 20 | 0.5308 | 0.1318 | 0.678 | 0.484 | 0.088 | 0.020 | 0.010 | 0 | 0.013 | 0.038 | 0.1858 | 10.8 | 20 |
| 21 | 0.4008 | 0.1308 | 0.634 | 0.430 | 0.075 | 0.018 | 0.008 | 0 | 0.013 | 0.035 | 0.1758 | 16.8 | 21 |
| 22 | 0.3058 | 0.1408 | 0.576 | 0.372 | 0.088 | 0.018 | 0.007 | 0 | 0.011 | 0.038 | 0.188 | 6.81 | 22 |
| 23 | 0.2858 | 0.1528 | 0.587 | 0.343 | 0.083 | 0.023 | 0.007 | 0 | 0.018 | 0.180 | 0.247 | 3.49 | 23 |
| 24 | 0.2388 | 0.1678 | 0.585 | 0.301 | 0.089 | 0.024 | 0.008 | 0 | 0.018 | 0.784 | 7.80 | 2.68 | 24 |
| 25 | 0.2238 | 0.1828 | 0.618 | 0.348 | 0.084 | 0.020 | 0.010 | 0 | 0.012 | 5.28 | 13.2 | 5.72 | 25 |
| 26 | 0.2148 | 0.2008 | 0.583 | 0.228 | 0.083 | 0.018 | 0.011 | 0 | 0.010 | 1.84 | 33.6 | 4.39 | 26 |
| 27 | 0.2058 | 0.2088 | 0.487 | 0.218 | 0.082 | 0.020 | 0.008 | 0 | 0.008 | 2.82 | 9.76 | 2.17 | 27 |
| 28 | 0.2008 | 0.2158 | 0.440 | 0.252 | 0.047 | 0.025 | 0.008 | 0 | 0.008 | 4.57 | 4.65 | 1.44 | 28 |
| 29 | 0.1958 | | 0.441 | 0.228 | 0.043 | 0.024 | 0.004 | 0 | 0.008 | 3.85 | 4.51 | 1.00 E | 29 |
| 30 | 0.1808 | | 3.98 | 0.204 | 0.038 | 0.018 | 0.002 | 0 | 0.008 | 4.11 | 8.04 | 0.7008 | 30 |
| 31 | 0.1858 | | 3.21 | | 2.54 | | 0.001 | 0 | | 1.70 | | 0.5008 | 31 |
| TOTAL | 27.209 | 4.335 | 103.892 | 54.770 | 5.287 | 4.382 | 1.310 | 0.188 | 0.139 | 28.822 | 83.688 | 153.600 | TOTAL |
| MEAN | 0.878 | 0.155 | 3.34 | 1.83 | 0.170 | 0.146 | 0.042 | 0.006 | 0.005 | 0.930 | 2.79 | 4.95 | MEAN |
| MAX | 8.00 | 0.215 | 16.5 | 9.22 | 2.54 | 1.11 | 0.541 | 0.042 | 0.018 | 5.28 | 33.6 | 16.8 | MAX |
| MIN | 0.185 | 0.130 | 0.440 | 0.204 | 0.038 | 0.018 | 0.001 | 0 | 0 | 0.015 | 0.188 | 0.500 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 33.6 ON NOV 26
MINIMUM DAILY, 0 ON AUG 1
MAXIMUM INSTANTANEOUS,
28.7 AT 03 44 EST ON NOV 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 48 N
LONG 81 37 54 W
DRAINAGE AREA, 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 350 | JUL | 113 |
| FEB | 375 | AUG | 16.9 |
| MAR | 8 980 | SEP | 12.0 |
| APR | 4 730 | OCT | 2 490 |
| MAY | 455 | NOV | 7 230 |
| JUN | 377 | DEC | 13 300 |

TOTAL DISCHARGE 40 400 dam³

## PARKS CREEK NEAR LATTA - STATION NO. 02HL006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.11 | 1.50 B | 1.508 | 18.4 | 4.81 | 1.28 | 0.394 | 0.228 | 0.189 | 0.227 | 0.883 | 5.11 | 1 |
| 2 | 3.82 | 1.46 B | 2.008 | 15.8 | 4.13 | 1.18 | 0.369 | 0.203 | 0.167 | 0.238 | 0.847 | 6.09 | 2 |
| 3 | 3.81 | 1.43 B | 2.708 | 14.4 | 3.74 | 1.20 | 0.374 | 0.250 | 0.141 | 0.258 | 0.870 | 5.60 | 3 |
| 4 | 3.558 | 1.40 B | 3.008 | 13.7 | 3.33 | 1.28 | 0.382 | 0.261 | 0.121 | 0.305 | 0.746 | 5.13 | 4 |
| 5 | 3.408 | 1.37 B | 2.908 | 17.5 A | 3.03 | 1.23 | 0.370 | 0.244 | 0.118 | 0.281 | 0.790 | 4.84 | 5 |
| 6 | 3.308 | 1.34 B | 2.758 | 18.9 E | 2.83 | 1.15 | 0.325 | 0.210 | 0.097 | 0.251 | 0.830 | 4.73 | 6 |
| 7 | 3.178 | 1.31 B | 2.808 | 17.3 A | 2.60 | 1.14 | 0.317 | 0.206 | 0.092 | 0.381 | 0.838 | 4.188 | 7 |
| 8 | 3.008 | 1.28 B | 3.508 | 14.6 | 2.38 | 1.86 | 0.308 | 0.194 | 0.105 | 0.854 | 1.01 | 4.038 | 8 |
| 9 | 2.908 | 1.25 B | 5.008 | 12.4 | 3.28 | 1.75 | 0.274 | 0.188 | 0.154 | 0.836 | 1.45 | 4.038 | 9 |
| 10 | 2.808 | 1.22 B | 4.808 | 10.8 | 2.07 | 1.49 | 0.249 | 0.205 | 0.182 | 0.752 | 1.48 | 4.32 | 10 |
| 11 | 2.678 | 1.19 B | 4.508 | 9.53 | 1.84 | 1.30 | 0.213 | 0.222 | 0.152 | 0.801 | 1.38 | 4.33 | 11 |
| 12 | 2.608 | 1.17 B | 4.338 | 8.42 | 1.79 | 1.20 | 0.201 | 0.178 | 0.283 | 0.742 | 1.27 | 4.34 | 12 |
| 13 | 2.508 | 1.14 B | 3.858 | 7.65 | 1.75 | 1.24 | 0.178 | 0.138 | 0.592 | 0.670 | 1.25 | 4.26 | 13 |
| 14 | 2.408 | 1.11 B | 3.908 | 7.20 | 1.81 | 1.23 | 0.383 | 0.142 | 0.456 | 0.619 | 1.18 | 4.14 | 14 |
| 15 | 2.328 | 1.09 B | 3.808 | 6.85 | 1.84 | 1.18 | 0.715 | 0.132 | 0.325 | 0.588 | 1.18 | 4.02 | 15 |
| 16 | 2.278 | 1.07 B | 3.758 | 6.21 | 1.80 | 0.973 | 0.567 | 0.120 | 0.246 | 0.572 | 1.03 | 4.23 | 16 |
| 17 | 2.238 | 1.05 B | 3.708 | 5.78 | 1.47 | 0.793 | 0.438 | 0.099 | 0.202 | 0.542 | 1.07 | 4.13 | 17 |
| 18 | 2.158 | 1.02 B | 4.008 | 5.48 | 1.41 | 0.671 | 0.380 | 0.084 | 0.167 | 0.502 | 1.81 | 4.078 | 18 |
| 19 | 2.108 | 1.00 B | 4.408 | 5.18 | 1.33 | 0.595 | 0.298 | 0.088 | 0.171 | 0.484 | 1.84 | 4.118 | 19 |
| 20 | 2.088 | 0.9808 | 4.858 | 4.98 | 1.46 | 0.555 | 0.290 | 0.074 | 0.288 | 0.427 | 1.78 | 4.08 | 20 |
| 21 | 2.008 | 0.9608 | 4.658 | 4.61 | 1.90 | 0.514 | 0.280 | 0.072 | 0.841 | 0.435 | 1.58 E | 4.82 | 21 |
| 22 | 1.938 | 0.9388 | 5.62 | 4.21 | 1.81 | 0.509 | 0.212 | 0.080 | 0.817 | 0.500 | 1.32 B | 5.19 | 22 |
| 23 | 1.888 | 0.9208 | 6.58 | 3.91 | 1.71 | 0.508 | 0.193 | 0.079 | 0.528 | 0.574 | 1.34 B | 4.82 | 23 |
| 24 | 1.838 | 0.9008 | 7.23 | 4.17 | 1.87 | 0.470 | 0.185 | 0.078 | 0.424 | 0.525 | 1.47 | 4.32 | 24 |
| 25 | 1.788 | 0.8838 | 8.01 | 4.00 | 1.88 | 0.423 | 0.304 | 0.088 | 0.352 | 0.570 | 1.58 | 5.09 | 25 |
| 26 | 1.738 | 0.8658 | 8.15 | 3.76 | 1.58 | 0.538 | 0.290 | 0.085 | 0.293 | 0.653 | 1.68 | 5.71 | 26 |
| 27 | 1.698 | 0.8508 | 8.44 | 3.48 | 1.59 | 0.725 | 0.588 | 0.087 | 0.273 | 0.689 | 1.81 | 5.31 | 27 |
| 28 | 1.658 | 0.8408 | 8.97 | 4.58 | 1.86 | 0.631 | 0.491 | 0.082 | 0.271 | 0.742 | 1.78 | 4.838 | 28 |
| 29 | 1.628 | | 8.21 | 5.18 | 1.57 | 0.514 | 0.421 | 0.108 | 0.251 | 0.715 | 2.71 | 4.438 | 29 |
| 30 | 1.598 | | 8.28 | 4.95 | 1.44 | 0.483 | 0.315 | 0.118 | 0.256 | 0.699 | 5.58 | 4.008 | 30 |
| 31 | 1.568 | | 14.2 | | 1.38 | | 0.262 | 0.133 | | 0.715 | | 3.708 | 31 |
| TOTAL | 75.18 | 31.933 | 182.38 | 261.77 | 85.02 | 28.382 | 10.486 | 4.411 | 5.148 | 17.016 | 43.712 | 142.78 | TOTAL |
| MEAN | 2.46 | 1.13 | 5.24 | 8.73 | 2.10 | 0.946 | 0.338 | 0.142 | 0.272 | 0.549 | 1.46 | 4.61 | MEAN |
| MAX | 4.11 | 1.50 | 14.2 | 18.9 | 4.81 | 1.75 | 0.715 | 0.261 | 0.841 | 0.801 | 5.58 | 6.11 | MAX |
| MIN | 1.54 | 0.840 | 1.50 | 3.48 | 1.33 | 0.423 | 0.175 | 0.072 | 0.092 | 0.227 | 0.847 | 3.70 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.33
MAXIMUM DAILY, 18.9E ON APR 6
MINIMUM DAILY, 0.072 ON AUG 21
MAXIMUM INSTANTANEOUS
19.3E AT 12 33 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 44 17 07 N
LONG 77 18 25 W
DRAINAGE AREA, 205 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 580 | JUL | 906 |
| FEB | 2 720 | AUG | 381 |
| MAR | 14 000 | SEP | 704 |
| APR | 22 600 | OCT | 1 470 |
| MAY | 5 620 | NOV | 3 780 |
| JUN | 3 480 | DEC | 13 300 |

TOTAL DISCHARGE, 73 900 dam³

## PATTERSON CREEK NEAR SIMCOE - STATION NO. 02GC013

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.09 | 0.803 | 1.44 | 1.38 | 0.812 | 0.517 | 0.493 | 0.362 | 0.374 | 0.307 | 0.384 | 0.784 | 1 |
| 2 | 1.06 | 0.802 | 1.71 | 1.30 | 0.775 | 0.541 | 0.482 | 0.433 | 0.385 | 0.300 | 0.380 | 0.703 | 2 |
| 3 | 1.07 | 0.792 | 1.20 | 1.35 | 0.719 | 0.536 | 0.470 | 0.454 | 0.360 | 0.322 | 0.382 | 0.660 | 3 |
| 4 | 0.984 | 0.814 | 0.985 | 1.37 | 0.788 | 0.534 | 0.438 | 0.416 | 0.352 | 0.318 | 0.385 | 0.656 | 4 |
| 5 | 0.943 | 0.778 | 0.948 | 2.58 | 0.787 | 0.497 | 0.427 | 0.384 | 0.347 | 0.314 | 0.378 | 0.642 | 5 |
| 6 | 0.940 | 0.785 | 1.01 | 2.81 | 0.733 | 0.485 | 0.485 | 0.368 | 0.329 | 0.315 | 0.385 | 0.611 | 6 |
| 7 | 0.953 | 0.754 | 1.34 | 2.24 | 0.732 | 0.480 | 0.438 | 0.358 | 0.343 | 0.332 | 0.359 | 0.593 | 7 |
| 8 | 0.881 | 0.771 | 1.69 | 1.76 | 0.734 | 0.516 | 0.415 | 0.353 | 0.347 | 0.319 | 0.376 | 0.603 | 8 |
| 9 | 0.964 | 0.731 | 1.62 | 1.51 | 0.708 | 0.581 | 0.390 | 0.458 | 0.340 | 0.312 | 0.421 | 0.628 | 9 |
| 10 | 0.949 | 0.745 | 1.20 | 1.34 | 0.877 | 0.510 | 0.379 | 0.531 | 0.338 | 0.312 | 0.433 | 0.636 | 10 |
| 11 | 0.920 | 0.747 | 1.07 | 1.22 | 0.880 | 0.501 | 0.361 | 0.451 | 0.336 | 0.331 | 0.413 | 0.640 | 11 |
| 12 | 0.920 | 0.732 | 1.05 | 1.29 | 0.707 | 0.500 | 0.370 | 0.419 | 0.345 | 0.324 | 0.388 | 0.646 | 12 |
| 13 | 0.908 | 0.702 | 0.976 | 1.38 | 0.686 | 0.447 | 0.362 | 0.394 | 0.339 | 0.323 | 0.387 | 0.831 | 13 |
| 14 | 0.903 | 0.687 | 0.941 | 1.24 | 0.680 | 0.472 | 0.438 | 0.372 | 0.337 | 0.324 | 0.388 | 0.813 | 14 |
| 15 | 1.33 | 0.850 | 0.902 | 1.20 | 0.724 | 0.464 | 0.424 | 0.388 | 0.352 | 0.320 | 0.384 | 0.788 | 15 |
| 16 | 1.31 | 0.850 | 0.883 | 1.18 | 0.691 | 0.454 | 0.411 | 0.355 | 0.341 | 0.313 | 0.390 | 1.02 | 16 |
| 17 | 1.13 | 0.855 | 0.862 | 1.12 | 0.686 | 0.472 | 0.379 | 0.337 | 0.355 | 0.321 | 0.385 | 0.888 | 17 |
| 18 | 1.05 | 0.838 | 0.842 | 1.11 | 0.677 | 0.442 | 0.386 | 0.308 | 0.374 | 0.315 | 0.413 | 0.818 | 18 |
| 19 | 1.02 | 0.834 | 0.828 | 1.04 | 0.657 | 0.406 | 0.338 | 0.312 | 0.361 | 0.314 | 0.403 | 0.788 | 19 |
| 20 | 0.975 | 0.839 | 0.814 | 1.00 | 0.671 | 0.382 | 0.338 | 0.306 | 0.380 | 0.314 | 0.390 | 1.14 | 20 |
| 21 | 0.988 | 0.847 | 0.817 | 1.00 | 0.652 | 0.399 | 0.304 | 0.291 | 0.388 | 0.309 | 0.380 | 1.27 | 21 |
| 22 | 0.946 | 0.845 | 0.808 | 0.976 | 0.643 | 0.499 | 0.295 | 0.308 | 0.358 | 0.328 | 0.388 | 1.03 | 22 |
| 23 | 0.876 | 0.846 | 0.807 | 0.932 | 0.624 | 0.544 | 0.314 | 0.292 | 0.347 | 0.348 | 0.389 | 0.921 | 23 |
| 24 | 0.850 | 0.838 | 0.853 | 0.905 | 0.611 | 0.490 | 0.284 | 0.294 | 0.337 | 0.371 | 0.391 | 0.901 | 24 |
| 25 | 0.838 | 0.848 | 0.842 | 0.920 | 0.612 | 0.470 | 0.332 | 0.308 | 0.324 | 0.384 | 0.584 | 0.943 | 25 |
| 26 | 0.784 | 0.844 | 0.935 | 0.883 | 0.611 | 0.524 | 0.328 | 0.338 | 0.319 | 0.383 | 0.832 | 0.943 | 26 |
| 27 | 0.756 | 0.852 | 0.827 | 0.868 | 0.599 | 0.492 | 0.301 | 0.437 | 0.328 | 0.394 | 0.725 | 0.882 | 27 |
| 28 | 0.780 | 0.857 | 0.901 | 0.849 | 0.598 | 0.518 | 0.274 | 0.406 | 0.318 | 0.412 | 0.624 | 0.819 | 28 |
| 29 | 0.792 | | 0.884 | 0.843 | 0.605 | 0.518 | 0.255 | 0.387 | 0.307 | 0.394 | 0.780 | 0.807 | 29 |
| 30 | 0.818 | | 0.846 | 0.846 | 0.581 | 0.519 | 0.291 | 0.381 | 0.314 | 0.389 | 0.628 | 0.730 | 30 |
| 31 | 0.810 | | 1.30 | | 0.525 | | 0.385 | 0.397 | | 0.392 | | 0.741 | 31 |
| TOTAL | 29.574 | 19.888 | 32.307 | 38.108 | 20.891 | 14.882 | 11.634 | 11.683 | 10.310 | 10.454 | 13.877 | 24.413 | TOTAL |
| MEAN | 0.954 | 0.702 | 1.04 | 1.27 | 0.674 | 0.489 | 0.375 | 0.376 | 0.344 | 0.337 | 0.456 | 0.788 | MEAN |
| MAX | 1.33 | 0.814 | 1.71 | 2.81 | 0.812 | 0.581 | 0.493 | 0.556 | 0.374 | 0.412 | 0.832 | 1.27 | MAX |
| MIN | 0.756 | 0.634 | 0.806 | 0.846 | 0.525 | 0.382 | 0.285 | 0.291 | 0.307 | 0.300 | 0.369 | 0.593 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.650
MAXIMUM DAILY 2.81 ON APR 5
MINIMUM DAILY 0.285 ON JUL 29
MAXIMUM INSTANTANEOUS 2.82 AT 11 33 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE RECORDING
LOCATION - LAT 42 51 13 N
LONG 80 19 41 W
DRAINAGE AREA 51.2 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 580 | JUL | 1 010 |
| FEB | 1 700 | AUG | 1 010 |
| MAR | 2 780 | SEP | 891 |
| APR | 3 290 | OCT | 903 |
| MAY | 1 800 | NOV | 1 180 |
| JUN | 1 270 | DEC | 2 110 |

TOTAL DISCHARGE 20 500 dam³

## PAYNE RIVER NEAR BERWICK - STATION NO. 02LB022

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 07 B | 0.2588 | 0.1968 | 5.84 | 1.22 E | 0.518A | 0.318 | 0.515 | 0.048 | 0.248 | 0.801 | 15 2 | 1 |
| 2 | 0.9508 | 0.2528 | 0.1968 | 4.07 | 0.972E | 0.480E | 0.191 | 0.414 | 0.043 | 0.319 | 0.814 | 9.08 | 2 |
| 3 | 0.8138 | 0.2488 | 0.1936 | 3.26 | 0.760E | 0.379A | 0.270 | 0.403 | 0.040 | 0.247 | 0.563 | 5.07 | 3 |
| 4 | 0.7258 | 0.2428 | 0.1928 | 4.17 | 0.600E | 0.403 | 0.933 | 0.440 | 0.040 | 0.190 | 0.544 | 3.57 | 4 |
| 5 | 0.7058 | 0.2368 | 0.1928 | 9.82 | 0.586E | 0.376 | 0.802 | 0.359 | 0.034 | 0.157 | 0.576 | 2.74 | 5 |
| 6 | 0.5998 | 0.2358 | 0.2008 | 7.35 | 0.491E | 0.301 | 0.454 | 0.257 | 0.033 | 0.157 | 0.671 | 2.15 | 6 |
| 7 | 0.5628 | 0.2318 | 0.2298 | 4.88 | 0.480E | 0.239 | 0.281 | 0.200 | 0.037 | 0.184 | 0.548 | 1.41 B | 7 |
| 8 | 0.5408 | 0.2308 | 0.4488 | 4.14 | 0.420E | 0.352 | 0.191 | 0.180 | 0.038 | 0.336 | 0.483 | 1.21 B | 8 |
| 9 | 0.5188 | 0.2288 | 1.03 B | 3.24 | 0.380E | 1.45 | 0.147 | 0.157 | 0.051 | 0.407 | 0.984 | 1.37 | 9 |
| 10 | 0.4928 | 0.2298 | 1.90 B | 2.48 | 0.347E | 1.30 | 0.122 | 0.136 | 0.048 | 0.359 | 1.54 | 8.08 | 10 |
| 11 | 0.4738 | 0.2278 | 1.72 B | 1.98 | 0.382E | 0.891 | 0.102 | 0.126 | 0.070 | 0.388 | 1.10 | 8.20 | 11 |
| 12 | 0.4628 | 0.2248 | 1.55 B | 1.51 | 0.418E | 0.578 | 0.117 | 0.109 | 0.099 | 0.283 | 0.818 | 5.02 | 12 |
| 13 | 0.4388 | 0.2218 | 1.43 B | 1.34 | 0.480E | 0.811 | 0.112 | 0.108 | 0.198 | 0.204 | 0.717 | 4.06 | 13 |
| 14 | 0.4228 | 0.2208 | 1.39 B | 1.07 | 0.418E | 0.816 | 0.272 | 0.086 | 0.337 | 0.173 | 0.711 | 3.16 | 14 |
| 15 | 0.4068 | 0.2178 | 1.31 B | 0.934 | 0.378E | 0.435 | 0.584 | 0.086 | 0.232 | 0.151 | 0.656 | 2.51 | 15 |
| 16 | 0.3958 | 0.2158 | 1.24 B | 0.834 | 0.572E | 0.316 | 0.328 | 0.085 | 0.152 | 0.147 | 0.803 | 2.03 | 16 |
| 17 | 0.3818 | 0.2138 | 1.16 B | 0.785 | 0.603E | 0.243 | 0.200 | 0.073 | 0.111 | 0.146 | 0.545 | 1.73 B | 17 |
| 18 | 0.3698 | 0.2118 | 1.12 B | 0.893A | 0.480E | 0.203 | 0.280 | 0.084 | 0.098 | 0.131 | 0.712 | 1.33 B | 18 |
| 19 | 0.3588 | 0.2108 | 1.07 B | 0.853E | 0.348E | 0.158 | 1.06 | 0.084 | 0.084 | 0.134 | 0.969 | 1.28 B | 19 |
| 20 | 0.3498 | 0.2088 | 1.11 B | 0.801E | 0.252E | 0.158 | 0.772 | 0.070 | 0.122 | 0.142 | 0.838 | 1.35 | 20 |
| 21 | 0.3388 | 0.2078 | 1.21 B | 0.560E | 0.232E | 0.136 | 0.883 | 0.068 | 0.145 | 0.150 | 0.641 | 2.55 | 21 |
| 22 | 0.3278 | 0.2048 | 2.86 B | 0.510E | 0.210E | 0.108 | 0.700 | 0.068 | 0.149 | 0.148 | 0.656 | 3.23 | 22 |
| 23 | 0.3158 | 0.2028 | 13.6 B | 0.488E | 0.221E | 0.106 | 0.412 | 0.068 | 0.138 | 0.145 | 0.517 | 2.82 | 23 |
| 24 | 0.3078 | 0.2018 | 21.7 B | 0.858E | 0.238E | 0.078 | 0.377 | 0.058 | 0.119 | 0.230 | 0.458 | 2.41 B | 24 |
| 25 | 0.3008 | 0.2018 | 30.4 B | 0.938E | 0.260E | 0.083 | 2.45 | 0.053 | 0.117 | 0.503 | 0.523 | 2.98 | 25 |
| 26 | 0.2908 | 0.2008 | 34.1 | 0.705E | 0.225E | 0.068 | 20.0 | 0.045 | 0.107 | 0.893 | 0.472 | 5.28 B | 26 |
| 27 | 0.2838 | 0.1998 | 24.7 | 0.520E | 0.188E | 0.078 | 9.86 | 0.033 | 0.083 | 0.582 | 0.5128 | 3.07 B | 27 |
| 28 | 0.2778 | 0.1978 | 14.2 | 0.480E | 0.227E | 0.206 | 3.28 | 0.034 | 0.084 | 0.603 | 0.6858 | 1.80 B | 28 |
| 29 | 0.2708 | | 10.8 | 0.760E | 0.260E | 0.311 | 1.62 | 0.053 | 0.103 | 0.925 | 0.972 | 0.9628 | 29 |
| 30 | 0.2678 | | 8.95 | 1.23 E | 0.440E | 0.382 | 1.03 | 0.054 | 0.181 | 0.771 | 14.0 | 0.7898 | 30 |
| 31 | 0.2648 | | 8.60 | | 0.481E | | 0.708 | 0.043 | | 0.659 | | 0.7048 | 31 |
| TOTAL | 14.287 | 5.170 | 189.155 | 87.189 | 13.443 | 11.630 | 48.586 | 4.505 | 3.123 | 9.813 | 34.184 | 107.935 | TOTAL |
| MEAN | 0.480 | 0.220 | 6.10 | 2.24 | 0.434 | 0.384 | 1.57 | 0.145 | 0.104 | 0.320 | 1.14 | 3.48 | MEAN |
| MAX | 1.07 | 0.259 | 34.1 | 9.82 | 1.22 | 1.45 | 20.0 | 0.515 | 0.337 | 0.925 | 14.0 | 15.2 | MAX |
| MIN | 0.264 | 0.197 | 0.192 | 0.488 | 0.196 | 0.083 | 0.102 | 0.033 | 0.033 | 0.131 | 0.453 | 0.704 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.40
MAXIMUM DAILY 34.1 ON MAR 26
MINIMUM DAILY 0.033 ON AUG 27
MAXIMUM INSTANTANEOUS 35.4 AT 05 00 EST ON MAR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 11 30 N
LONG 75 06 20 W
DRAINAGE AREA 152 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 230 | JUL | 4 200 |
| FEB | 533 | AUG | 389 |
| MAR | 15 300 | SEP | 270 |
| APR | 8 810 | OCT | 884 |
| MAY | 1 180 | NOV | 2 850 |
| JUN | 1 020 | DEC | 9 330 |

TOTAL DISCHARGE 44 000 dam³

## PEPPERLAW BROOK NEAR UDORA - STATION NO 02EC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 7.52 | 2.31 | 0.980E | 0.855E | 1.22 | 1.30 A | 2.42 | 2.52 | 7.00E | 1 |
| 2 | --- | --- | --- | 7.84 | 2.04 | 1.30 E | 0.840E | 1.34 | 1.27 E | 2.52 | 2.21 | 10.0 E | 2 |
| 3 | --- | --- | --- | 7.25 | 1.85 | 1.84 E | 0.785E | 1.89 | 1.02 E | 2.32 | 2.31 | 7.00E | 3 |
| 4 | --- | --- | --- | 6.88 | 1.73 | 1.53 E | 0.760E | 2.31 | 0.980E | 2.07 | 2.82 | 5.80E | 4 |
| 5 | --- | --- | --- | 9.21 | 1.75A | 1.31 E | 0.940E | 1.98 | 0.800E | 1.91 | 3.35 | 4.80E | 5 |
| 6 | --- | --- | --- | 13.1 | 1.86E | 1.20 E | 0.940E | 1.84 | 0.700E | 1.75 | 3.46A | 3.85E | 6 |
| 7 | --- | --- | --- | 15.7 | 1.57E | 1.23 E | 0.950E | 1.48 | 0.540E | 1.80 | 3.80E | 3.45E | 7 |
| 8 | --- | --- | --- | 12.9 | 1.50E | 1.24 E | 1.00 E | 1.50 | 0.480E | 2.20 | 3.13E | 3.10E | 8 |
| 9 | --- | --- | --- | 9.05 | 1.48E | 1.40 E | 2.45 E | 1.71 | 0.460E | 2.47 | 5.60E | 2.80E | 9 |
| 10 | --- | --- | --- | 8.32 | 1.40E | 1.42 E | 5.31 E | 2.51 | 0.455E | 2.29 | 9.50E | 3.20E | 10 |
| 11 | --- | --- | --- | 4.77 | 1.37E | 1.32 E | 4.58 E | 2.85 | 0.440E | 2.09 | 7.08E | 5.00E | 11 |
| 12 | --- | --- | --- | 4.09 | 1.35A | 1.22 E | 4.84 E | 2.34 | 0.400E | 2.08 | 5.58E | 4.50E | 12 |
| 13 | --- | --- | --- | 3.95 | 1.31E | 1.19 E | 5.47 A | 1.88 | 0.402E | 1.91 | 4.68E | 4.30E | 13 |
| 14 | --- | --- | --- | 3.83 | 1.18E | 1.21 E | 5.70 E | 1.57 | 0.420E | 1.82 | 4.45E | 4.20E | 14 |
| 15 | --- | --- | --- | 3.86 | 1.18E | 1.50 E | 7.74 E | 1.43 | 0.440E | 1.77 | 4.17E | 3.85A | 15 |
| 16 | --- | --- | --- | 4.00 | 2.28E | 1.80 E | 8.88 E | 1.38 | 0.800E | 1.71 | 3.87E | 3.59 | 16 |
| 17 | --- | --- | --- | 3.72 | 1.93E | 1.35 E | 6.88 E | 1.38 | 0.540E | 1.73 | 3.35E | 3.50B | 17 |
| 18 | --- | --- | --- | 3.31 | 1.70E | 1.10 E | 5.55 E | 1.32 | 0.500E | 1.99 | 3.22E | 3.20B | 18 |
| 19 | --- | --- | --- | 2.98 | 1.50E | 0.930E | 5.40 E | 1.22 | 0.700E | 2.02 | 4.18E | 3.00B | 19 |
| 20 | --- | --- | --- | 2.85 | 1.32E | 0.820E | 4.80 E | 1.16 | 0.950E | 1.99 | 4.52E | 3.29 | 20 |
| 21 | --- | --- | --- | 2.84 | 1.26A | 0.730E | 4.54 A | 1.10 | 1.20 E | 1.98 | 4.05E | 4.58 | 21 |
| 22 | --- | --- | --- | 2.47 | 1.20 | 0.700E | 3.87 | 1.12 | 1.50 E | 2.01 | 3.18E | 5.25 | 22 |
| 23 | --- | --- | --- | 2.30 | 1.14 | 0.740E | 2.83 | 1.04 | 1.85 E | 2.12 | 2.83E | 4.84 | 23 |
| 24 | --- | --- | --- | 2.21 | 1.09 | 0.880E | 2.17 | 1.00 | 1.42 E | 2.49 | 2.48E | 4.15 | 24 |
| 25 | --- | --- | --- | 2.34 | 1.05E | 0.780E | 1.84 | 0.999 | 1.28 E | 3.23 | 2.71E | 4.87 | 25 |
| 26 | --- | --- | 8.00A | 1.78 | 1.08E | 0.740E | 1.82 | 0.989 | 1.21 E | 3.56 | 2.10E | 5.80 | 26 |
| 27 | --- | --- | 7.72 | 1.89 | 1.07E | 0.740E | 1.50 | 0.923 | 1.20 E | 3.27 | 2.08E | 4.80B | 27 |
| 28 | --- | --- | 7.21 | 2.36 | 1.09E | 0.780E | 1.38 | 0.845 | 1.40 E | 3.15 | 2.07E | 3.50B | 28 |
| 29 | --- | | 6.38 | 2.80 | 1.13E | 0.900E | 1.30 | 1.08 | 1.80 E | 3.09 | 2.47E | 2.80B | 29 |
| 30 | --- | | 8.75 | 2.49 | 1.08E | 0.840E | 1.28 | 1.13 | 2.20 E | 2.82 | 4.43E | 2.20B | 30 |
| 31 | --- | | 7.63 | | 1.01E | | 1.25 | 1.21 | | 2.50 | | 2.00B | 31 |
| TOTAL | --- | --- | --- | 155.21 | 44.50 | 33.480 | 98.010 | 45.537 | 28.457 | 71.18 | 111.98 | 133.78 | TOTAL |
| MEAN | --- | --- | --- | 5.21 | 1.44 | 1.12 | 3.18 | 1.47 | 0.949 | 2.30 | 3.73 | 4.31 | MEAN |
| MAX | --- | --- | --- | 15.7 | 2.31 | 1.80 | 8.88 | 2.85 | 2.20 | 3.56 | 9.50 | 10.0 | MAX |
| MIN | --- | --- | --- | 1.78 | 1.01 | 0.700 | 0.780 | 0.923 | 0.400 | 1.71 | 2.07 | 2.00 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY 15.7 ON APR 7

MAXIMUM INSTANTANEOUS 16.4 AT 10 58 EST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 19 04 N
LONG 79 11 42 W
DRAINAGE AREA 332 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 8 470 |
| FEB | --- | AUG | 3 930 |
| MAR | --- | SEP | 2 480 |
| APR | 13 500 | OCT | 6 180 |
| MAY | 3 840 | NOV | 9 670 |
| JUN | 7 890 | DEC | 11 600 |

REMARKS - PRIOR TO 1987, DATA CONTRIBUTED BY ONT MINISTRY OF THE ENVIRONMENT AS STA NO 02EC103

## PERCH LAKE INLET NO 1 NEAR CHALK RIVER - STATION NO 02KA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.003 | 0.001 | 0.001 | 0.031 | 0.018 | 0.008 | 0.005 | 0 | 0 | 0 | 0.005 | 0.004E | 1 |
| 2 | 0.003 | 0.001 | 0.001 | 0.026 | 0.013 | 0.005 | 0.002 | 0 | 0 | 0 | 0.004 | 0.003E | 2 |
| 3 | 0.003 | 0.001 | 0.001 | 0.021 | 0.010 | 0.005 | 0.001 | 0 | 0 | 0.001 | 0.004 | 0.003E | 3 |
| 4 | 0.003 | 0.001 | 0.001 | 0.019 | 0.008 | 0.004 | 0.002 | 0 | 0 | 0.001 | 0.004 | 0.003E | 4 |
| 5 | 0.003 | 0.001 | 0.001 | 0.054 | 0.007 | 0.003 | 0.001 | 0 | 0 | 0.001 | 0.004 | 0.002E | 5 |
| 6 | 0.003 | 0.001 | 0.001 | 0.079 | 0.006 | 0.003 | 0 | 0 | 0 | 0.001 | 0.004 | 0.002E | 6 |
| 7 | 0.003 | 0.001 | 0.002 | 0.061 | 0.005 | 0.002 | 0 | 0 | 0 | 0.003 | 0.003 | 0.002E | 7 |
| 8 | 0.003 | 0.001 | 0.002 | 0.041 | 0.004 | 0.006 | 0 | 0 | 0 | 0.006 | 0.003 | 0.002E | 8 |
| 9 | 0.003 | 0.001 | 0.004 | 0.030 | 0.004 | 0.010 | 0 | 0 | 0 | 0.006 | 0.003E | 0.002A | 9 |
| 10 | 0.003 | 0.001 | 0.004 | 0.024 | 0.004 | 0.008 | 0 | 0 | 0 | 0.006 | 0.003E | 0.003 | 10 |
| 11 | 0.003 | 0.001 | 0.004 | 0.021 | 0.005 | 0.006 | 0 | 0 | 0 | 0.004 | 0.003E | 0.004 | 11 |
| 12 | 0.003 | 0.001 | 0.003 | 0.019 | 0.006 | 0.009 | 0 | 0 | 0 | 0.004 | 0.002E | 0.004 | 12 |
| 13 | 0.002 | 0.001 | 0.003 | 0.017 | 0.005 | 0.007 | 0 | 0 | 0 | 0.003 | 0.003E | 0.004 | 13 |
| 14 | 0.002 | 0.001 | 0.003 | 0.015 | 0.005 | 0.004 | 0 | 0 | 0 | 0.003 | 0.002E | 0.004 | 14 |
| 15 | 0.002 | 0.001 | 0.002 | 0.014 | 0.009 | 0.003 | 0 | 0 | 0 | 0.002 | 0.001E | 0.004 | 15 |
| 16 | 0.002 | 0.001 | 0.002 | 0.013 | 0.008 | 0.002 | 0 | 0 | 0 | 0.002 | 0.001E | 0.004 | 16 |
| 17 | 0.002 | 0.001 | 0.002 | 0.012 | 0.008 | 0.001 | 0 | 0 | 0 | 0.002 | 0.002A | 0.003 | 17 |
| 18 | 0.002 | 0.001 | 0.002 | 0.011 | 0.008 | 0.001 | 0 | 0 | 0 | 0.002 | 0.003E | 0.003 | 18 |
| 19 | 0.002 | 0.001 | 0.003 | 0.010 | 0.006 | 0 | 0 | 0 | 0 | 0.002 | 0.003E | 0.003 | 19 |
| 20 | 0.002 | 0.001 | 0.003 | 0.009 | 0.005 | 0 | 0 | 0 | 0 | 0.002 | 0.003E | 0.002 | 20 |
| 21 | 0.002 | 0.001 | 0.005 | 0.009 | 0.004 | 0 | 0 | 0 | 0 | 0.003 | 0.001E | 0.002 | 21 |
| 22 | 0.002 | 0.001 | 0.006 | 0.008 | 0.005 | 0 | 0 | 0 | 0 | 0.003 | E | 0.002 | 22 |
| 23 | 0.002 | 0.001 | 0.014 | 0.009 | 0.012 | 0 | 0 | 0 | 0 | 0.003 | E | 0.002 | 23 |
| 24 | 0.002 | 0.001 | 0.028 | 0.011 | 0.013 | 0 | 0 | 0 | 0 | 0.007 | 0.001E | 0.002 | 24 |
| 25 | 0.001 | 0.001 | 0.043 | 0.010 | 0.009 | 0 | 0 | 0 | 0 | 0.011 | 0.002E | 0.002 | 25 |
| 26 | 0.001 | 0.001 | 0.054 | 0.008 | 0.008 | 0.001 | 0 | 0 | 0 | 0.008 | 0.002E | 0.002 | 26 |
| 27 | 0.001 | 0.001 | 0.050 | 0.010 | 0.009 | 0.003 | 0 | 0 | 0 | 0.007 | 0.001E | 0.002 | 27 |
| 28 | 0.001 | 0.001 | 0.048 | 0.023 | 0.012 | 0.004 | 0 | 0 | 0 | 0.007 | 0.001E | 0.002 | 28 |
| 29 | 0.001 | | 0.047 | 0.031 | 0.011 | 0.007 | 0 | 0 | 0 | 0.006 | 0.001E | 0.002 | 29 |
| 30 | 0.001 | | 0.054 | 0.028 | 0.008 | 0.012 | 0 | 0 | 0 | 0.008 | 0.004E | 0.001 | 30 |
| 31 | 0.001 | | 0.038 | | 0.007 | | 0 | 0 | | 0.006 | | 0.001 | 31 |
| TOTAL | 0.087 | 0.028 | 0.443 | 0.573 | 0.244 | 0.113 | 0.012 | 0 | 0 | 0.119 | 0.071 | 0.081 | TOTAL |
| MEAN | 0.002 | 0.001 | 0.014 | 0.022 | 0.008 | 0.004 | 0 | 0 | 0 | 0.004 | 0.002 | 0.003 | MEAN |
| MAX | 0.003 | 0.001 | 0.054 | 0.079 | 0.018 | 0.012 | 0.005 | 0 | 0 | 0.011 | 0.005 | 0.004 | MAX |
| MIN | 0.001 | 0.001 | 0.001 | 0.008 | 0.004 | 0 | 0 | 0 | 0 | 0 | 0 | 0.001 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.005
MAXIMUM DAILY 0.079 ON APR 6
MINIMUM DAILY 0 ON JUN 19
MAXIMUM INSTANTANEOUS 0.088 AT 15 29 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 10 N
LONG 77 23 45 W
DRAINAGE AREA 0.93 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5.79 | JUL | 1.04 |
| FEB | 2.42 | AUG | 0 |
| MAR | 38.3 | SEP | 0 |
| APR | 58.1 | OCT | 10.1 |
| MAY | 21.1 | NOV | 6.13 |
| JUN | 9.88 | DEC | 7.00 |

TOTAL DISCHARGE 180 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

## PERCH LAKE INLET NO 2 NEAR CHALK RIVER - STATION NO 02KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.010 | 0.003 | 0.003 | 0.077 | 0.051 | 0.021 | 0.028 | 0 | 0 | 0 | 0.015 | 0.018 | 1 |
| 2 | 0.009 | 0.004 | 0.004 | 0.081 | 0.042 | 0.018 | 0.019 | 0 | 0 | 0.001 | 0.012 | 0.014 | 2 |
| 3 | 0.008 | 0.004 | 0.004 | 0.093 | 0.036 | 0.020 | 0.015 | 0 | 0 | 0.001 | 0.012 | 0.011 | 3 |
| 4 | 0.008 | 0.004 | 0.004 | 0.113 | 0.031 | 0.018 | 0.018 | 0 | 0 | 0.001 | 0.012 | 0.011 | 4 |
| 5 | 0.007 | 0.004 | 0.004 | 0.223 | 0.025 | 0.015 | 0.015 | 0 | 0 | 0 | 0.012 | 0.009 | 5 |
| 6 | 0.007 | 0.004 | 0.004 | 0.285 | 0.022 | 0.013 | 0.010 | 0 | 0 | 0 | 0.011 | 0.007 | 6 |
| 7 | 0.007 | 0.004 | 0.007 | 0.269 | 0.018 | 0.010 | 0.008 | 0 | 0 | 0.004 | 0.009 | 0.005 | 7 |
| 8 | 0.007 | 0.005 | 0.009 | 0.221 | 0.015 | 0.020 | 0.006 | 0 | 0 | 0.008 | 0.009 | 0.004 | 8 |
| 9 | 0.007 | 0.005 | 0.010 | 0.175 | 0.014 | 0.027 | 0.003 | 0 | 0 | 0.007 | 0.008 | 0.010 | 9 |
| 10 | 0.007 | 0.005 | 0.009 | 0.147 | 0.013 | 0.020 | 0.002 | 0 | 0 | 0.007 | 0.007 | 0.015 | 10 |
| 11 | 0.007 | 0.005 | 0.008 | 0.122 | 0.017 | 0.017 | 0.001 | 0 | 0 | 0.006 | 0.005 | 0.018 | 11 |
| 12 | 0.006 | 0.005 | 0.007 | 0.098 | 0.017 | 0.023 | 0.001 | 0 | 0 | 0.004 | 0.004 | 0.014 | 12 |
| 13 | 0.006 | 0.005 | 0.007 | 0.080 | 0.016 | 0.021 | 0.001 | 0 | 0 | 0.004 | 0.005 | 0.014 | 13 |
| 14 | 0.006 | 0.005 | 0.007 | 0.088 | 0.017 | 0.018 | 0.002 | 0 | 0 | 0.003 | 0.005 | 0.014 | 14 |
| 15 | 0.006 | 0.005 | 0.006 | 0.082 | 0.023 | 0.010 | 0.002 | 0 | 0 | 0.003 | 0.004 | 0.013 | 15 |
| 16 | 0.006 | 0.004 | 0.005 | 0.084 | 0.018 | 0.008 | 0.001 | 0 | 0 | 0.003 | 0.008 | 0.014 | 16 |
| 17 | 0.005 | 0.004 | 0.005 | 0.069 | 0.019 | 0.003 | 0.001 | 0 | 0 | 0.002 | 0.011 | 0.013 | 17 |
| 18 | 0.004 | 0.004 | 0.007 | 0.066 | 0.020 | 0.002 | 0 | 0 | 0 | 0.002 | 0.012 | 0.013 | 18 |
| 19 | 0.005 | 0.004 | 0.008 | 0.060 | 0.015 | 0.001 | 0 | 0 | 0 | 0.002 | 0.011 | 0.013 | 19 |
| 20 | 0.005 | 0.004 | 0.009 | 0.035 | 0.013 | 0.001 | 0 | 0 | 0 | 0.003 | 0.006 | 0.013 | 20 |
| 21 | 0.005 | 0.004 | 0.014 | 0.031 | 0.011 | 0.001 | 0 | 0 | 0 | 0.003 | 0.004 | 0.012 | 21 |
| 22 | 0.005 | 0.004 | 0.022 | 0.028 | 0.013 | 0.001 | 0 | 0 | 0.001 | 0.003 | 0.003 | 0.012 | 22 |
| 23 | 0.005 | 0.003 | 0.033 | 0.029 | 0.031 | 0 | 0 | 0 | 0.001 | 0.004 | 0.002 | 0.012 | 23 |
| 24 | 0.004 | 0.003 | 0.053 | 0.033 | 0.028 | 0 | 0 | 0 | 0 | 0.016 | 0.003 | 0.012 | 24 |
| 25 | 0.003 | 0.003 | 0.085 | 0.027 | 0.021 | 0 | 0 | 0 | 0 | 0.034 | 0.004 | 0.012 | 25 |
| 26 | 0.002 | 0.003 | 0.086 | 0.023 | 0.021 | 0.004 | 0 | 0 | 0 | 0.030 | 0.005 | 0.012 | 26 |
| 27 | 0.002 | 0.003 | 0.107 | 0.026 | 0.024 | 0.012 | 0 | 0 | 0 | 0.027 | 0.003 | 0.011 | 27 |
| 28 | 0.002 | 0.003 | 0.108 | 0.053 | 0.030 | 0.015 | 0 | 0 | 0 | 0.024 | 0.003 | 0.011 | 28 |
| 29 | 0.003 | | 0.113 | 0.064 | 0.030 | 0.024 | 0 | 0 | 0 | 0.018 | 0.006 | 0.009 | 29 |
| 30 | 0.003 | | 0.102 | 0.085 | 0.021 | 0.038 | 0 | 0 | 0 | 0.018 | 0.018 | 0.007 | 30 |
| 31 | 0.003 | | 0.084 | | 0.022 | | 0 | 0 | | 0.017 | | 0.006 | 31 |
| TOTAL | 0.170 | 0.113 | 0.893 | 2.730 | 0.894 | 0.376 | 0.128 | 0 | 0.002 | 0.258 | 0.229 | 0.367 | TOTAL |
| MEAN | 0.005 | 0.004 | 0.032 | 0.091 | 0.022 | 0.013 | 0.004 | 0 | 0 | 0.008 | 0.008 | 0.012 | MEAN |
| MAX | 0.010 | 0.005 | 0.182 | 0.285 | 0.051 | 0.038 | 0.028 | 0 | 0.001 | 0.034 | 0.018 | 0.018 | MAX |
| MIN | 0.002 | 0.003 | 0.003 | 0.023 | 0.011 | 0 | 0 | 0 | 0 | 0 | 0.002 | 0.004 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.017
MAXIMUM DAILY 0.285 ON APR 6
MINIMUM DAILY 0 ON JUN 23
MAXIMUM INSTANTANEOUS
0.295 AT 20:55 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 12 N
LONG 77 22 32 W
DRAINAGE AREA 3.60 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 14.7 | JUL | 11.1 |
| FEB | 9.76 | AUG | 0 |
| MAR | 85.8 | SEP | 0.17 |
| APR | 235 | OCT | 22.1 |
| MAY | 60.0 | NOV | 19.8 |
| JUN | 32.5 | DEC | 30.8 |

TOTAL DISCHARGE 522 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

## PERCH LAKE INLET NO 3 NEAR CHALK RIVER - STATION NO 02KA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.001 | 0 | 0 E | 0.016 | 0.010 | 0.002 | --- | --- | --- | --- | --- | --- | 1 |
| 2 | 0.001 | 0 | 0 E | 0.013 | 0.007 | 0.002 | --- | --- | --- | --- | --- | --- | 2 |
| 3 | 0.001 | 0 | 0 E | 0.010 | 0.006 | 0.002 | --- | --- | --- | --- | --- | --- | 3 |
| 4 | 0 | 0 | 0 E | 0.010 | 0.005 | 0.002 | --- | --- | --- | --- | --- | --- | 4 |
| 5 | 0 | 0 | 0 E | 0.037 | 0.005 | 0.001 | --- | --- | --- | --- | --- | --- | 5 |
| 6 | 0 | 0 | 0 E | 0.044 | 0.004 | 0.001 | --- | --- | --- | --- | --- | --- | 6 |
| 7 | 0 | 0 | 0 E | 0.035 | 0.004 | 0.001 | --- | --- | --- | --- | --- | --- | 7 |
| 8 | 0 | 0 | 0 E | 0.026 | 0.003 | 0.003 | --- | --- | --- | --- | --- | --- | 8 |
| 9 | 0 | 0 | 0 E | 0.020 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 9 |
| 10 | 0 | 0 | 0 E | 0.018 | 0.003 | --- | --- | --- | --- | --- | --- | --- | 10 |
| 11 | 0 | 0 | 0 E | 0.013 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 11 |
| 12 | 0 | 0 | 0 E | 0.011 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 12 |
| 13 | 0 | 0A | 0 E | 0.009 | 0.003 | --- | --- | --- | --- | --- | --- | --- | 13 |
| 14 | 0 | 0E | 0 A | 0.008 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 14 |
| 15 | 0 | 0E | 0 | 0.007 | 0.005 | --- | --- | --- | --- | --- | --- | --- | 15 |
| 16 | 0 | 0E | 0 | 0.007 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 16 |
| 17 | 0 | 0E | 0 | 0.006 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | 0 | 0E | 0 | 0.006 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | 0 | 0E | 0 | 0.006 | 0.003 | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | 0 | 0E | 0 | 0.005 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | 0 | 0E | 0.001 | 0.004 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | 0 | 0E | 0.002 | 0.004 | 0.003 | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | 0 | 0E | 0.005 | 0.006 | 0.005 | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | 0 | 0E | 0.008 | 0.007 | 0.008 | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | 0 | 0E | 0.009 | 0.006 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | 0 | 0E | 0.014 | 0.005 | 0.003 | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | 0 | 0E | 0.013 | 0.006 | 0.005 | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | 0 | 0E | 0.016 | 0.015 | 0.005 | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | 0 | | 0.020 | 0.015 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | 0 | | 0.036 | 0.015 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | 0 | | 0.023 | | 0.003 | | --- | --- | | --- | | --- | 31 |
| TOTAL | 0.003 | 0 | 0.148 | 0.382 | 0.131 | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 0 | 0 | 0.005 | 0.013 | 0.004 | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 0.001 | 0 | 0.036 | 0.044 | 0.010 | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 0 | 0 | 0 | 0.004 | 0.002 | --- | --- | --- | --- | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY 0.044 ON APR 6

MAXIMUM INSTANTANEOUS
0.047 AT 18:18 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 01 49 N
LONG 77 22 17 W
DRAINAGE AREA 0.81 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0.26 | JUL | --- |
| FEB | 0 | AUG | --- |
| MAR | 13.6 | SEP | --- |
| APR | 33.9 | OCT | --- |
| MAY | 11.3 | NOV | --- |
| JUN | --- | DEC | --- |

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE DISCONTINUED JUN 09 1987

## PERCH LAKE INLET NO. 4 NEAR CHALK RIVER - STATION NO 02KA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0.010 | 0.005 | 0.001 | --- | --- | --- | --- | --- | --- | 1 |
| 2 | 0 | 0 | 0 | 0.007 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | 2 |
| 3 | 0 | 0 | 0 | 0.008 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | 3 |
| 4 | 0 | 0 | 0 | 0.006 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | 4 |
| 5 | 0 | 0 | 0 | 0.024 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | 5 |
| 6 | 0 | 0 | 0 | 0.025 | 0.002 | 0 | --- | --- | --- | --- | --- | --- | 6 |
| 7 | 0 | 0 | 0 | 0.019 | 0.002 | 0 | --- | --- | --- | --- | --- | --- | 7 |
| 8 | 0 | 0 | 0.001 | 0.013 | 0.002 | 0.002 | --- | --- | --- | --- | --- | --- | 8 |
| 9 | 0 | 0 | 0.001 | 0.010 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 9 |
| 10 | 0 | 0 | 0.001 | 0.009 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 10 |
| 11 | 0 | 0 | 0.001 | 0.007 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 11 |
| 12 | 0 | 0 | 0.001 | 0.006 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 12 |
| 13 | 0 | 0 | 0.001 | 0.005 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 13 |
| 14 | 0 | 0 | 0 | 0.004 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 14 |
| 15 | 0 | 0 | 0 | 0.004 | 0.003 | --- | --- | --- | --- | --- | --- | --- | 15 |
| 16 | 0 | 0 | 0 | 0.003 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 16 |
| 17 | 0 | 0 | 0 | 0.003 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | 0 | 0 | 0 | 0.003 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | 0 | 0 | 0 | 0.003 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | 0 | 0 | 0 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | 0 | 0 | 0.001 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | 0 | 0 | 0.002 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | 0 | 0 | 0.003 | 0.003 | 0.003 | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | 0 | 0 | 0.005 | 0.003 | 0.003 | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | 0 | 0 | 0.007 | 0.003 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | 0 | 0 | 0.013 | 0.002 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | 0 | 0 | 0.012 | 0.003 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | 0 | 0 | 0.013 | 0.007 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | 0 | | 0.016 | 0.008 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | 0 | | 0.028 | 0.007 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | 0 | | 0.015 | | 0.001 | | --- | --- | | --- | | --- | 31 |
| TOTAL | 0 | 0 | 0.118 | 0.210 | 0.085 | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 0 | 0 | 0.004 | 0.007 | 0.002 | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 0 | 0 | 0.028 | 0.028 | 0.006 | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 0 | 0 | 0 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY 0.028 ON MAR 30

MAXIMUM INSTANTANEOUS
0.032 AT 15 55 EST ON MAR 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 01 48 N
LONG 77 22 31 W
DRAINAGE AREA 0.24 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | --- |
| FEB | 0 | AUG | --- |
| MAR | 10.2 | SEP | --- |
| APR | 18.1 | OCT | --- |
| MAY | 5.82 | NOV | --- |
| JUN | --- | DEC | --- |

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE DISCONTINUED JUN 09 1987

## PERCH LAKE INLET NO. 5 NEAR CHALK RIVER - STATION NO 02KA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0.005 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | 1 |
| 2 | 0 | 0 | 0 | 0.004 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | 2 |
| 3 | 0 | 0 | 0 | 0.003 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | 3 |
| 4 | 0 | 0 | 0 | 0.003 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | 4 |
| 5 | 0 | 0 | 0 | 0.013 | 0.001 | 0 | --- | --- | --- | --- | --- | --- | 5 |
| 6 | 0 | 0 | 0 | 0.011 | 0.001 | 0 | --- | --- | --- | --- | --- | --- | 6 |
| 7 | 0 | 0 | 0 | 0.008 | 0.001 | 0 | --- | --- | --- | --- | --- | --- | 7 |
| 8 | 0 | 0 | 0 | 0.008 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | 8 |
| 9 | 0 | 0 | 0 | 0.008 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 9 |
| 10 | 0 | 0 | 0 | 0.004 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 10 |
| 11 | 0 | 0 | 0 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 11 |
| 12 | 0 | 0 | 0 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 12 |
| 13 | 0 | 0 | 0 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 13 |
| 14 | 0 | 0 | 0 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 14 |
| 15 | 0 | 0 | 0 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 15 |
| 16 | 0 | 0 | 0 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 16 |
| 17 | 0 | 0 | 0 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | 0 | 0 | 0 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | 0 | 0 | 0 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | 0 | 0 | 0 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | 0 | 0 | 0 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | 0 | 0 | 0 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | 0 | 0 | 0.001 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | 0 | 0 | 0.002 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | 0 | 0 | 0.004 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | 0 | 0 | 0.007 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | 0 | 0 | 0.006 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | 0 | 0 | 0.007 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | 0 | | 0.008 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | 0 | | 0.014 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | 0 | | 0.007 | | 0.001 | | --- | --- | | --- | | --- | 31 |
| TOTAL | 0 | 0 | 0.056 | 0.096 | 0.033 | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 0 | 0 | 0.002 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 0 | 0 | 0.014 | 0.013 | 0.002 | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 0 | 0 | 0 | 0.001 | 0.001 | --- | --- | --- | --- | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY 0.014 ON MAR 30

MAXIMUM INSTANTANEOUS
0.019 AT 16 46 EST ON MAR 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 01 58 N
LONG 77 22 43 W
DRAINAGE AREA 0.11 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | --- |
| FEB | 0 | AUG | --- |
| MAR | 4.84 | SEP | --- |
| APR | 8.29 | OCT | --- |
| MAY | 2.85 | NOV | --- |
| JUN | --- | DEC | --- |

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE DISCONTINUED JUN 09 1987

## PERCH LAKE OUTLET NEAR CHALK RIVER - STATION NO 02KA003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.020 | 0.014 | 0.012 | 0.286 | 0.150 | 0.031 | 0.034 | 0 | 0 | 0 | 0.003 | 0.032 | 1 |
| 2 | 0.019 | 0.016 | 0.017 | 0.242 | 0.118 | 0.025 | 0.032 | 0 | 0 | 0 | 0.001 | 0.031 | 2 |
| 3 | 0.018 | 0.015 | 0.016 | 0.216 | 0.089 | 0.024 | 0.032 | 0 | 0 | 0 | 0.001 | 0.030 | 3 |
| 4 | 0.018 | 0.014 | 0.015 | 0.196 | 0.071 | 0.017 | 0.035 | 0 | 0 | 0 | 0.002 | 0.027 | 4 |
| 5 | 0.017 | 0.013 | 0.013 | 0.242 | 0.062 | 0.016 | 0.030 | 0 | 0 | 0 | 0.003 | 0.025 | 5 |
| 6 | 0.016 | 0.013 | 0.013 | 0.320 | 0.053 | 0.023 | 0.024 | 0 | 0 | 0 | 0.004 | 0.023 | 6 |
| 7 | 0.016 | 0.014 | 0.013 | 0.358 | 0.044 | 0.023 | 0.023 | 0 | 0 | 0.001 | 0.004 | 0.022 | 7 |
| 8 | 0.015 | 0.019 | 0.014 | 0.354 | 0.039 | 0.030 | 0.020 | 0 | 0 | 0.002 | 0.005 | 0.021 | 8 |
| 9 | 0.015 | 0.020 | 0.014 | 0.311 | 0.034 | 0.025 | 0.015 | 0 | 0 | 0.003 | 0.005 | 0.025 | 9 |
| 10 | 0.016 | 0.020 | 0.014 | 0.268 | 0.028 | 0.034 | 0.012 | 0 | 0 | 0.002 | 0.006 | 0.025 | 10 |
| 11 | 0.018 | 0.018 | 0.014 | 0.229 | 0.029 | 0.032 | 0.010 | 0 | 0 | 0 | 0.006 | 0.026 | 11 |
| 12 | 0.015 | 0.017 | 0.014 | 0.188 | 0.026 | 0.035 | 0.008 | 0 | 0 | 0 | 0.006 | 0.030 | 12 |
| 13 | 0.015 | 0.016 | 0.014 | 0.180 | 0.024 | 0.035 | 0.008 | 0 | 0 | 0 | 0.006 | 0.032 | 13 |
| 14 | 0.014 | 0.015 | 0.014 | 0.161 | 0.026 | 0.034 | 0.009 | 0 | 0 | 0 | 0.007 | 0.031 | 14 |
| 15 | 0.014 | 0.015 | 0.013 | 0.137 | 0.027 | 0.045 | 0.007 | 0 | 0 | 0 | 0.008 | 0.038 | 15 |
| 16 | 0.015 | 0.014 | 0.012 | 0.122 | 0.026 | 0.042 | 0.008 | 0 | 0 | 0 | 0.188 | 0.040 | 16 |
| 17 | 0.013 | 0.013 | 0.012 | 0.086 | 0.025 | 0.034 | 0.004 | 0 | 0 | 0 | 0.183 | 0.037 | 17 |
| 18 | 0.015 | 0.012 | 0.011 | 0.027 | 0.024 | 0.025 | 0.003 | 0 | 0 | 0 | 0.119 | 0.036 | 18 |
| 19 | 0.014 | 0.011 | 0.011 | 0.019 | 0.024 | 0.020 | 0.002 | 0 | 0 | 0 | 0.080 | 0.036 | 19 |
| 20 | 0.014 | 0.011 | 0.012 | 0.112 | 0.017 | 0.018 | 0.002 | 0 | 0 | 0 | 0.057 | 0.041 | 20 |
| 21 | 0.014 | 0.011 | 0.014 | 0.087 | 0.014 | 0.012 | 0.002 | 0 | 0A | 0 | 0.043 | 0.038 | 21 |
| 22 | 0.013 | 0.011 | 0.016 | 0.064 | 0.037 | 0.010 | 0.001 | 0 | 0E | 0 | 0.038 | 0.035 | 22 |
| 23 | 0.015 | 0.010 | 0.022 | 0.047 | 0.042 | 0.007 | 0.001 | 0 | 0E | 0 | 0.031 | 0.034 | 23 |
| 24 | 0.014 | 0.009 | 0.032 | 0.078 | 0.044 | 0.008 | 0.001 | 0 | 0E | 0.001 | 0.027 | 0.032 | 24 |
| 25 | 0.013 | 0.009 | 0.051 | 0.048 | 0.042 | 0.004 | 0.001 | 0 | 0E | 0.003 | 0.028 | 0.034 | 25 |
| 26 | 0.012 | 0.009 | 0.088 | 0.016 | 0.039 | 0.011 | 0.001 | 0 | 0E | 0.005 | 0.025 | 0.031 | 26 |
| 27 | 0.011 | 0.008 | 0.122 | 0.002 | 0.042 | 0.012 | 0 | 0A | 0E | 0.005 | 0.023 | 0.026 | 27 |
| 28 | 0.011 | 0.008 | 0.155 | 0.007 | 0.048 | 0.013 | 0 | 0A | 0E | 0.001 | 0.021 | 0.027 | 28 |
| 29 | 0.011 |  | 0.180 | 0.118 | 0.057 | 0.021 | 0 | 0 | 0A | 0.001 | 0.027 | 0.024 | 29 |
| 30 | 0.012 |  | 0.203 | 0.179 | 0.051 | 0.034 | 0 | 0 | 0 | 0.001 | 0.032 | 0.023 | 30 |
| 31 | 0.014 |  | 0.335 |  | 0.048 |  | 0 |  |  | 0.002 |  | 0.020 | 31 |
| TOTAL | 0.454 | 0.376 | 1.554 | 4.828 | 1.395 | 0.706 | 0.324 | 0 | 0 | 0.027 | 0.975 | 0.933 | TOTAL |
| MEAN | 0.015 | 0.013 | 0.050 | 0.161 | 0.045 | 0.024 | 0.010 | 0 | 0 | 0.001 | 0.033 | 0.030 | MEAN |
| MAX | 0.020 | 0.020 | 0.335 | 0.358 | 0.150 | 0.045 | 0.035 | 0 | 0 | 0.005 | 0.188 | 0.041 | MAX |
| MIN | 0.011 | 0.008 | 0.011 | 0.002 | 0.014 | 0.004 | 0 | 0 | 0 | 0 | 0.001 | 0.020 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.032
MAXIMUM DAILY, 0.358 ON APR 7
MINIMUM DAILY, 0 ON JUL 27
MAXIMUM INSTANTANEOUS,
0.364 AT 15:43 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 08 N
LONG 77 22 15 W
DRAINAGE AREA, 7.30 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 39.2 | JUL | 28.0 |
| FEB | 32.5 | AUG | 0 |
| MAR | 134 | SEP | 0 |
| APR | 417 | OCT | 2.33 |
| MAY | 121 | NOV | 84.2 |
| JUN | 61.0 | DEC | 80.6 |

TOTAL DISCHARGE, 1 000 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

## PETAWAWA RIVER NEAR PETAWAWA - STATION NO 02KB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.5 | 16.5 | 15.1 | 88.0 | 81.4 | 42.3 | 26.4 | 9.94 | 8.33 | 8.47 | 17.7 | 24.8 | 1 |
| 2 | 20.4 | 16.4 | 15.7 | 94.8 | 80.1 | 41.2 | 25.8 | 9.55 | 8.05 | 8.26 | 18.3 | 24.7 | 2 |
| 3 | 20.0 | 16.5 | 15.3 | 102 | 77.8 | 41.2 | 25.8 | 9.85 | 7.93 | 8.34 | 19.2 | 24.8 | 3 |
| 4 | 19.4 | 16.6 | 15.5 | 107 | 74.4 | 41.5 | 25.2 | 9.34 | 7.73 | 8.17 | 20.2 | 25.0 | 4 |
| 5 | 19.0 | 16.6 | 15.4 | 113 | 71.1 | 41.0 | 23.8 | 9.21 | 7.65 | 8.20 | 21.2 | 24.9 | 5 |
| 6 | 19.1 | 16.4 | 15.5 | 126 | 68.3 | 39.4 | 22.4 | 8.88 | 7.57 | 8.25 | 21.7 | 25.0 | 6 |
| 7 | 19.1 | 16.2 | 15.4 | 141 | 64.9 | 38.0 | 21.8 | 8.48 | 7.60 | 7.06 | 22.3 | 24.2 | 7 |
| 8 | 18.9 | 17.4 | 15.9 | 154 | 60.7 | 38.0 | 21.0 | 8.15 | 7.45 | 8.59 | 23.0 | 24.3 | 8 |
| 9 | 18.7 | 17.1 | 16.6 | 163 | 58.3 | 44.5 | 20.1 | 7.96 | 7.61 | 8.57 | 23.9 | 24.6 | 9 |
| 10 | 18.7 | 17.1 | 16.9 | 167 | 55.3 | 49.3 | 19.2 | 7.71 | 7.39 | 8.57 | 23.7 | 25.1 | 10 |
| 11 | 18.6 | 17.5 | 16.8 | 170 | 52.3 | 51.8 | 18.2 | 7.48 | 8.84 | 8.44 | 23.4 | 25.8 | 11 |
| 12 | 18.5 | 18.0 | 16.8 | 172 | 50.2 | 54.4 | 17.6 | 7.10 | 7.24 | 8.34 | 23.3 | 26.1 | 12 |
| 13 | 18.4 | 18.0 | 16.8 | 172 | 48.8 | 55.7 | 17.1 | 6.79 | 7.26 | 8.21 | 23.2 | 27.0 | 13 |
| 14 | 18.4 | 18.1 | 16.2 | 168 | 47.1 | 55.6 | 17.1 | 6.71 | 7.89 | 8.29 | 23.1 | 27.3 | 14 |
| 15 | 18.0 | 17.7 | 16.0 | 165 | 49.7 | 54.4 | 16.3 | 8.64 | 8.20 | 8.22 | 23.0 | 28.1 | 15 |
| 16 | 17.7 | 17.3 | 16.3 | 159 | 45.8 | 52.7 | 15.5 | 7.07 | 7.79 | 8.19 | 22.4 | 29.5 | 16 |
| 17 | 17.0 | 16.6 | 16.0 | 152 | 44.6 | 49.7 | 15.2 | 7.46 | 7.34 | 8.16 | 22.2 | 30.8 | 17 |
| 18 | 16.5 | 16.6 | 16.0 | 145 | 44.6 | 47.0 | 15.1 | 7.32 | 6.82 | 8.13 | 22.7 | 31.2 | 18 |
| 19 | 16.3 | 16.6 | 15.7 | 137 | 43.9 | 44.1 | 14.3 | 7.54 | 6.49 | 7.95 | 23.0 | 32.1 | 19 |
| 20 | 16.2 | 16.4 | 15.7 | 129 | 43.6 | 41.1 | 13.8 | 7.88 | 6.84 | 8.06 | 23.5 | 33.0 | 20 |
| 21 | 15.9 | 16.2 | 15.7 | 121 | 42.9 | 38.1 | 13.4 | 7.81 | 6.83 | 8.27 | 23.2 | 33.7 | 21 |
| 22 | 16.4 | 16.3 | 16.5 | 112 | 42.2 | 35.9 | 12.8 | 8.59 | 6.99 | 8.43 | 22.0 | 33.7 | 22 |
| 23 | 17.0 | 16.3 | 17.0 | 106 | 43.4 | 34.0 | 12.5 | 8.91 | 6.91 | 8.53 | 22.9 | 34.1 | 23 |
| 24 | 16.7 | 16.1 | 16.9 | 99.8 | 44.5 | 31.9 | 12.1 | 9.03 | 6.59 | 9.00 | 23.2 | 34.2 | 24 |
| 25 | 16.1 | 15.8 | 21.4 | 93.5 | 44.7 | 29.6 | 12.8 | 9.18 | 6.31 | 11.8 | 23.4 | 34.7 | 25 |
| 26 | 15.7 | 15.5 | 25.0 | 88.1 | 44.2 | 28.8 | 12.2 | 9.16 | 6.20 | 12.4 | 24.0 | 34.6 | 26 |
| 27 | 15.2 | 15.1 | 29.0 | 84.1 | 44.6 | 27.6 | 11.7 | 9.17 | 5.97 | 14.0 | 23.8 | 33.7 | 27 |
| 28 | 15.3 | 14.9 | 34.4 | 82.1 | 44.7 | 27.4 | 11.0 | 8.02 | 5.80 | 15.5 | 23.5 | 32.6 | 28 |
| 29 | 15.8 |  | 41.7 | 81.7 | 45.2 | 26.8 | 10.7 | 8.85 | 5.19 | 16.2 | 24.0 | 32.5 | 29 |
| 30 | 16.4 |  | 53.0 | 81.7 | 44.1 | 27.1 | 10.8 | 8.51 | 5.84 | 16.8 | 24.8 | 31.1 | 30 |
| 31 | 16.8 |  | 72.5 |  | 42.6 |  | 10.2 | 8.43 |  | 17.6 |  | 30.1 | 31 |
| TOTAL | 546.7 | 465.8 | 664.4 | 3 773.8 | 1 644.1 | 1 231.3 | 521.6 | 257.51 | 214.36 | 290.83 | 675.8 | 903.1 | TOTAL |
| MEAN | 17.5 | 16.6 | 21.4 | 126 | 53.0 | 41.0 | 16.8 | 8.31 | 7.15 | 9.38 | 22.6 | 29.1 | MEAN |
| MAX | 20.5 | 18.1 | 72.5 | 172 | 81.4 | 55.7 | 26.4 | 9.94 | 8.33 | 17.8 | 24.8 | 34.7 | MAX |
| MIN | 15.2 | 14.9 | 15.1 | 81.7 | 42.2 | 26.8 | 10.2 | 6.71 | 5.80 | 6.17 | 17.7 | 24.2 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.7
MAXIMUM DAILY, 172 ON APR 12
MINIMUM DAILY, 5.80 ON SEP 28
MAXIMUM INSTANTANEOUS
173 AT 11:50 EST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 53 17 N
LONG 77 18 30 W
DRAINAGE AREA, 4 130 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 47 200 | JUL | 45 100 |
| FEB | 40 200 | AUG | 22 200 |
| MAR | 57 400 | SEP | 18 500 |
| APR | 338 000 | OCT | 25 100 |
| MAY | 142 000 | NOV | 58 400 |
| JUN | 106 000 | DEC | 78 000 |

TOTAL DISCHARGE, 958 000 dam³

## PIC RIVER NEAR MARATHON - STATION NO 02BB003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13.50 | 9.950 | 9.000 | 10.30 | 58.8 | 56.2 | 12.1 | 36.2 | 17.9 | 25.2 | 41.5 | 47.30 | 1 |
| 2 | 13.30 | 9.900 | 8.970 | 10.50 | 54.6 | 55.9 | 12.1 | 35.6 | 18.7 | 29.5 | 40.2 | 44.50 | 2 |
| 3 | 13.20 | 9.850 | 8.950 | 10.70 | 50.0 | 53.3 | 14.2 | 36.5 | 18.6 | 34.4 | 39.6 | 43.00 | 3 |
| 4 | 13.00 | 9.800 | 8.920 | 10.80 | 45.7 | 47.0 | 16.8 | 37.7 | 15.2 | 35.6 | 39.2 | 42.00 | 4 |
| 5 | 12.80 | 9.750 | 8.900 | 11.50 | 42.0 | 43.5 | 16.2 | 45.5 | 14.9 | 35.5 | 38.6 | 40.50 | 5 |
| 6 | 12.80 | 9.700 | 8.880 | 15.70 | 39.2 | 41.3 | 13.8 | 52.4 | 21.9 | 41.9 | 37.7 | 38.80 | 6 |
| 7 | 12.50 | 9.650 | 8.850 | 22.80 | 36.5 | 38.7 | 13.0 | 49.0 | 32.4 | 53.9 | 35.6 | 37.50 | 7 |
| 8 | 12.40 | 9.600 | 8.820 | 32.20 | 34.3 | 36.5 | 12.3 | 42.8 | 35.2 | 60.6 | 33.6 | 36.50 | 8 |
| 9 | 12.20 | 9.570 | 8.800 | 40.00 | 33.0 | 34.8 | 13.4 | 37.7 | 39.6 | 56.1 | 31.1 | 34.20 | 9 |
| 10 | 12.10 | 9.550 | 8.780 | 55.80 | 31.1 | 32.6 | 89.0 | 33.1 | 48.2 | 85.5 | 28.4 | 33.00 | 10 |
| 11 | 11.90 | 9.500 | 8.760 | 75.20 | 29.6 | 30.3 | 56.3 | 32.3 | 47.6 | 81.8 | 27.6 | 31.80 | 11 |
| 12 | 11.80 | 9.450 | 8.730 | 81.30 | 27.9 | 29.4 | 45.0 | 31.1 | 46.6 | 57.6 | 33.6 | 30.70 | 12 |
| 13 | 11.60 | 9.400 | 8.800 | 106.8 | 26.4 | 28.6 | 37.2 | 29.1 | 45.9 | 53.9 | 34.5 | 29.90 | 13 |
| 14 | 11.50 | 9.370 | 8.900 | 119.8 | 25.8 | 28.2 | 30.1 | 27.5 | 46.0 | 53.7 | 33.5 | 29.00 | 14 |
| 15 | 11.30 | 9.350 | 8.350 | 127.8 | 24.6 | 26.8 | 25.7 | 38.4 | 48.5 | 52.3 | 31.6 | 28.00 | 15 |
| 16 | 11.20 | 9.320 | 8.250 | 131 | 24.1 | 25.2 | 22.2 | 51.5 | 44.9 | 55.6 | 31.4 | 27.20 | 16 |
| 17 | 11.10 | 9.290 | 8.100 | 124 | 23.6 | 23.1 | 22.1 | 57.3 | 41.5 | 76.8 | 58.3 | 26.40 | 17 |
| 18 | 11.00 | 9.270 | 8.000 | 132 | 22.9 | 21.8 | 25.6 | 68.5 | 37.6 | 81.5 | 84.4 | 25.70 | 18 |
| 19 | 10.90 | 9.250 | 8.000 | 132 | 21.9 | 20.6 | 27.1 | 55.7 | 33.9 | 100 | 88.8 | 25.10 | 19 |
| 20 | 10.80 | 9.230 | 8.000 | 131 | 21.3 | 19.5 | 32.1 | 47.4 | 31.7 | 86.2 | 80.7 | 24.30 | 20 |
| 21 | 10.70 | 9.200 | 8.050 | 125 | 21.0 | 18.2 | 29.4 | 42.2 | 30.6 | 85.1 | 71.1 | 23.80 | 21 |
| 22 | 10.60 | 9.180 | 8.150 | 116 | 20.7 | 17.1 | 26.2 | 38.9 | 29.9 | 77.7 | 77.48 | 23.30 | 22 |
| 23 | 10.60 | 9.150 | 8.250 | 108 | 20.5 | 16.0 | 28.2 | 35.8 | 28.7 | 69.6 | 83.88 | 22.88 | 23 |
| 24 | 10.50 | 9.120 | 8.450 | 91.6 | 47.1 | 15.2 | 90.4 | 32.4 | 26.4 | 62.7 | 76.08 | 22.28 | 24 |
| 25 | 10.40 | 9.100 | 8.800 | 80.2 | 93.5 | 14.4 | 128 | 29.7 | 24.2 | 56.2 | 70.88 | 21.88 | 25 |
| 26 | 10.40 | 9.080 | 8.800 | 73.1 | 56.5 | 14.0 | 123 | 27.0 | 22.7 | 52.6 | 66.08 | 21.08 | 26 |
| 27 | 10.30 | 9.070 | 9.050 | 67.2 | 58.3 | 13.8 | 108 | 24.2 | 21.1 | 48.7 | 60.58 | 20.58 | 27 |
| 28 | 10.20 | 9.050 | 9.300 | 64.8 | 60.6 | 13.5 | 80.4 | 22.7 | 20.3 | 47.6 | 56.58 | 20.18 | 28 |
| 29 | 10.18 | | 9.650 | 64.3 | 58.6 | 13.3 | 65.2 | 21.3 | 20.2 | 45.8 | 53.09 | 19.68 | 29 |
| 30 | 10.18 | | 9.950 | 62.2 | 56.2 | 12.7 | 54.8 | 20.0 | 22.2 | 44.9 | 50.59 | 19.28 | 30 |
| 31 | 10.08 | | 10.18 | | 55.1 | | 46.4 | 18.7 | | 43.1 | | 18.89 | 31 |
| TOTAL | 354.6 | 263.70 | 270.67 | 2 229.3 | 1 212.8 | 841.7 | 1 294.4 | 1 181.6 | 926.3 | 1 783.2 | 1 546.7 | 907.2 | TOTAL |
| MEAN | 11.4 | 9.42 | 8.73 | 74.3 | 39.1 | 28.1 | 41.8 | 37.5 | 30.9 | 57.5 | 51.6 | 29.3 | MEAN |
| MAX | 13.5 | 9.95 | 10.1 | 132 | 60.6 | 56.2 | 128 | 68.5 | 48.2 | 100 | 84.4 | 47.3 | MAX |
| MIN | 10.0 | 9.05 | 8.00 | 10.3 | 21.0 | 12.7 | 12.1 | 18.7 | 14.9 | 25.2 | 27.6 | 18.9 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.0
MAXIMUM DAILY, 132 ON APR 18
MINIMUM DAILY, 8.000 ON MAR 15
MAXIMUM INSTANTANEOUS,
134 AT 18.00 EST ON APR 18

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 26 N
LONG 86 17 49 W
DRAINAGE AREA, 4 270 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 30 800 | JUL | 112 000 |
| FEB | 22 800 | AUG | 100 000 |
| MAR | 23 400 | SEP | 80 000 |
| APR | 193 000 | OCT | 154 000 |
| MAY | 105 000 | NOV | 134 000 |
| JUN | 72 700 | DEC | 78 400 |

TOTAL DISCHARGE, 1 110 000 dam³

## PIGEON RIVER AT MIDDLE FALLS - STATION NO 02AA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.240 | 3.688 | 2.838 | 7.939 | 6.88 | 13.2 | 2.86 | 12.8 | 14.2 | 14.2 | 12.3 | 6.808 | 1 |
| 2 | 5.108 | 4.258 | 2.838 | 7.858 | 5.97 | 15.1 | 2.81 | 26.8 | 13.3 | 13.8 | 11.8 | 6.688 | 2 |
| 3 | 5.108 | 4.258 | 2.838 | 7.368 | 5.47 | 15.3 | 2.52 | 22.7 | 12.4 | 13.4 | 11.4 | 6.518 | 3 |
| 4 | 4.968 | 3.968 | 2.978 | 7.088 | 5.01 | 13.3 | 2.38 | 16.5 | 11.6 | 12.5 | 11.3 | 6.378 | 4 |
| 5 | 4.988 | 3.548 | 3.118 | 7.858 | 4.78 | 12.0 | 2.21 | 12.7 | 11.4 | 11.6 | 11.0 | 6.238 | 5 |
| 6 | 4.818 | 3.408 | 3.408 | 9.068 | 4.50 | 10.9 | 2.21 | 10.4 | 16.5 | 11.1 | 10.8 | 6.088 | 6 |
| 7 | 4.818 | 3.268 | 4.258 | 12.78 | 4.22 | 8.97 | 2.21 | 8.88 | 21.7 | 10.9 | 10.4 | 5.958 | 7 |
| 8 | 4.678 | 3.118 | 5.668 | 15.68 | 4.16 | 9.37 | 2.18 | 8.31 | 21.2 | 10.6 | 9.85 | 5.808 | 8 |
| 9 | 4.538 | 2.978 | 8.518 | 18.48 | 3.99 | 8.86 | 2.21 | 7.25 | 23.5 | 10.4 | 9.88 | 5.688 | 9 |
| 10 | 4.538 | 2.978 | 8.238 | 19.88 | 3.85 | 8.24 | 2.15 | 6.60 | 22.8 | 10.4 | 8.84 | 5.688 | 10 |
| 11 | 4.388 | 2.898 | 5.668 | 20.6 | 3.80 | 7.70 | 2.12 | 6.14 | 23.1 | 10.4 | 9.17 | 5.528 | 11 |
| 12 | 4.258 | 2.838 | 5.108 | 19.2 | 3.28 | 7.53 | 2.10 | 25.5 | 20.2 | 10.1 | 9.37 | 5.528 | 12 |
| 13 | 4.258 | 2.838 | 4.538 | 17.6 | 3.31 | 7.19 | 2.10 | 65.5 | 20.6 | 9.63 | 8.41 | 5.388 | 13 |
| 14 | 4.118 | 2.838 | 4.258 | 16.3 | 3.43 | 6.80 | 2.10 | 46.7 | 21.9 | 9.26 | 8.89 | 5.388 | 14 |
| 15 | 3.968 | 2.838 | 4.118 | 15.5 | 3.40 | 6.17 | 2.18 | 34.0 | 18.3 | 8.83 | 8.33 | 5.248 | 15 |
| 16 | 3.968 | 2.838 | 3.968 | 14.7 | 3.54 | 5.87 | 2.15 | 32.8 | 17.1 | 8.71 | 8.58 | 5.248 | 16 |
| 17 | 3.828 | 2.838 | 3.968 | 14.2 | 8.54 | 5.64 | 2.01 | 30.0 | 15.7 | 12.0 | 12.8 | 5.108 | 17 |
| 18 | 3.828 | 2.838 | 3.968 | 13.6 | 20.7 | 5.30 | 2.38 | 25.1 | 14.6 | 12.3 | 14.2.8 | 5.108 | 18 |
| 19 | 3.688 | 2.838 | 3.968 | 13.3 | 24.0 | 4.93 | 4.53 | 25.7 | 14.2 | 11.4 | 12.7.8 | 5.108 | 19 |
| 20 | 3.688 | 2.838 | 4.258 | 13.1 | 21.6 | 4.73 | 8.75 | 23.6 | 35.9 | 10.8 | 11.3.8 | 4.988 | 20 |
| 21 | 3.548 | 2.838 | 4.818 | 12.7 | 18.0 | 4.45 | 8.27 | 20.5 | 40.5 | 10.1 | 10.2.8 | 4.988 | 21 |
| 22 | 3.548 | 2.838 | 5.668 | 12.3 | 35.4 | 4.15 | 6.60 | 20.2 | 33.4 | 9.77 | 9.348 | 4.988 | 22 |
| 23 | 3.408 | 2.838 | 7.088 | 11.2 | 40.5 | 3.94 | 5.69 | 20.2 | 27.7 | 9.80 | 8.788 | 4.818 | 23 |
| 24 | 3.408 | 2.838 | 8.508 | 10.2 | 29.2 | 3.79 | 7.62 | 18.9 | 23.6 | 10.4 | 8.248 | 4.818 | 24 |
| 25 | 3.408 | 2.838 | 9.918 | 9.51 | 22.3 | 3.65 | 9.23 | 17.2 | 20.7 | 10.7.1 | 7.938 | 4.818 | 25 |
| 26 | 3.408 | 2.838 | 11.38 | 8.83 | 19.1 | 3.54 | 7.78 | 16.1 | 18.6 | 14.0 | 7.688 | 4.678 | 26 |
| 27 | 3.408 | 2.838 | 10.28 | 8.44 | 17.6 | 3.48 | 6.34 | 15.5 | 17.2 | 18.8 | 7.388 | 4.678 | 27 |
| 28 | 3.408 | 2.838 | 9.348 | 7.89 | 16.2 | 3.43 | 5.30 | 15.2 | 16.1 | 17.7 | 7.228 | 4.678 | 28 |
| 29 | 3.408 | | 8.788 | 8.01 | 14.8 | 3.20 | 4.80 | 14.6 | 15.3 | 15.6 | 7.088 | 4.538 | 29 |
| 30 | 3.408 | | 8.508 | 7.02 | 13.5 | 2.89 | 4.84 | 14.5 | 14.8 | 14.0 | 6.948 | 4.538 | 30 |
| 31 | 3.408 | | 8.218 | | 13.5 | | 4.22 | 14.5 | | 13.1 | | 4.538 | 31 |
| TOTAL | 126.31 | 86.39 | 176.65 | 367.93 | 381.91 | 214.73 | 124.53 | 623.28 | 607.1 | 367.30 | 291.76 | 166.21 | TOTAL |
| MEAN | 4.07 | 3.09 | 5.70 | 12.3 | 12.2 | 7.18 | 4.02 | 20.1 | 20.2 | 11.8 | 9.73 | 5.36 | MEAN |
| MAX | 5.24 | 4.25 | 11.3 | 20.6 | 40.5 | 15.3 | 9.23 | 65.5 | 40.5 | 18.8 | 14.2 | 6.80 | MAX |
| MIN | 3.40 | 2.83 | 2.83 | 7.02 | 3.28 | 2.89 | 2.01 | 6.14 | 11.4 | 8.83 | 6.94 | 4.53 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.68
MAXIMUM DAILY, 65.5 ON AUG 13
MINIMUM DAILY, 2.01 ON JUL 17

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 44 N
LONG 89 36 58 W
DRAINAGE AREA, 1 550 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 10 800 | JUL | 10 800 |
| FEB | 7 480 | AUG | 53 900 |
| MAR | 15 300 | SEP | 52 500 |
| APR | 31 800 | OCT | 31 700 |
| MAY | 33 000 | NOV | 25 200 |
| JUN | 18 600 | DEC | 14 400 |

TOTAL DISCHARGE, 306 000 dam³

## PINE RIVER AT LURGAN - STATION NO 02FD001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.63 | 0.438E | 2.53E | 2.85 | 0.301 | 0.014 | 0.548 | 0 | 0 | 0.400 | 2.33 | 15.6 | 1 |
| 2 | 1.42 | 0.475E | 9.30E | 2.36 | 0.280 | 0.016 | 0.385 | 0.004 | 0 | 0.425 | 1.78 | 5.90 | 2 |
| 3 | 1.26 | 0.502E | 5.63E | 3.07 | 0.247 | 0.017 | 0.257 | 0.003 | 0 | 0.438 | 1.73 | 3.66 | 3 |
| 4 | 1.12 E | 0.480E | 4.20E | 3.76 | 0.208 | 0.018 | 0.188 | 0.001 | 0 | 0.394 | 2.98 | 3.00 | 4 |
| 5 | 1.01 E | 0.452E | 3.74E | 7.03 | 0.185 | 0.018 | 0.131 | 0 | 0 | 0.384 | 2.43 | 2.55 | 5 |
| 6 | 0.975E | 0.435E | 4.08E | 7.21 | 0.166 | 0.015 | 0.130 | 0 | 0 | 0.358 | 1.85 | 2.12 | 6 |
| 7 | 0.980 | 0.417E | 10.2 E | 3.54 | 0.180 | 0.015 | 0.126 | 0 | 0 | 1.66 | 1.62 | 1.92 | 7 |
| 8 | 0.866 | 0.396E | 26.6 E | 2.21 | 0.148 | 0.019 | 0.100 | 0 | 0 | 5.73 | 8.23 | 1.96 | 8 |
| 9 | 0.941 | 0.362E | 23.0 | 1.61 | 0.141 | 0.015 | 0.073 | 0.003 | 0 | 3.99 | 20.5 | 11.1 | 9 |
| 10 | 0.928E | 0.363E | 9.40 | 1.27 | 0.132 | 0.009 | 0.049 | 0.005 | 0 | 2.22 | 6.38 | 5.44 | 10 |
| 11 | 0.880E | 0.350E | 5.84 | 1.08 | 0.124 | 0.008 | 0.039 | 0.001 | 0 | 1.34 | 3.18 | 4.45 | 11 |
| 12 | 0.804 | 0.334E | 3.61 | 0.958 | 0.128 | 0.009 | 0.028 | 0 | 0 | 0.943 | 2.11 | 4.24 | 12 |
| 13 | 0.805 | 0.321E | 2.06 | 0.880 | 0.109 | 0.004 | 0.020 | 0.002 | 0 | 0.736 | 1.80 | 4.58 | 13 |
| 14 | 0.829 | 0.312E | 1.73E | 0.812 | 0.094 | 0.003 | 0.017 | 0.023 | 0 | 0.597 | 1.22 | 3.78 | 14 |
| 15 | 1.23 | 0.302E | 1.58E | 0.778 | 0.081 | 0.001 | 0.012 | 0.107 | 0 | 0.505 | 0.942 | 3.29A | 15 |
| 16 | 1.63 E | 0.293E | 1.44 | 0.745 | 0.065 | 0 | 0.020 | 0.391 | 0 | 0.454 | 0.788 | 4.30 | 16 |
| 17 | 1.48 E | 0.284E | 1.54 | 0.670 | 0.057 | 0 | 0.015 | 0.293 | 0 | 0.410 | 0.743 | 3.61 | 17 |
| 18 | 1.26 E | 0.275E | 1.90 | 0.591 | 0.050 | 0 | 0.016 | 0.186 | 0 | 0.380 | 2.05 | 2.92 | 18 |
| 19 | 1.05 E | 0.271E | 2.78 | 0.523 | 0.051 | 0 | 0.020 | 0.133 | 0 | 0.373 | 2.06 | 2.41 | 19 |
| 20 | 0.914E | 0.289E | 3.60 | 0.481 | 0.060 | 0 | 0.020 | 0.088 | 0.100 | 0.411 | 1.61 | 10.1 | 20 |
| 21 | 0.788E | 0.272E | 3.71 | 0.457 | 0.084 | 0 | 0.015 | 0.037 | 0.229 | 0.748 | 1.25 | 19.9 | 21 |
| 22 | 0.708E | 0.278E | 3.77 | 0.412 | 0.101 | 1.38 | 0.014 | 0.025 | 0.136 | 1.08 | 1.04 | 7.56 | 22 |
| 23 | 0.620E | 0.284E | 3.84 | 0.383 | 0.148 | 1.41 | 0.007 | 0.013 | 0.155 | 4.84 | 1.02 | 4.83 | 23 |
| 24 | 0.541E | 0.293E | 3.76 | 0.383 | 0.119 | 0.891 | 0.006 | 0.007 | 0.122 | 5.37 | 2.23 | 3.94 | 24 |
| 25 | 0.488E | 0.300E | 3.80 | 0.353 | 0.081 | 0.421 | 0.025 | 0.001 | 0.071 | 4.85 | 4.03 | 17.5 | 25 |
| 26 | 0.452E | 0.309E | 3.28 | 0.338 | 0.077 | 0.341 | 0.021 | 0 | 0.045 | 4.53 | 11.6 | 10.9 | 26 |
| 27 | 0.437E | 0.315E | 2.80 | 0.325 | 0.083 | 0.290 | 0.014 | 0 | 0.033 | 11.0 | 5.73 | 4.36 | 27 |
| 28 | 0.408E | 0.375E | 1.93 | 0.368 | 0.087 | 0.221 | 0.003 | 0 | 0.027 | 12.5 | 4.18 | 2.37E | 28 |
| 29 | 0.390E | | 1.67 | 0.366 | 0.068 | 0.181 | 0 | 0 | 0.024 | 8.09 | 12.4 | 1.84E | 29 |
| 30 | 0.408E | | 5.40 | 0.331 | 0.023 | 0.427 | 0 | 0 | 0.086 | 8.36 | 18.0 | 1.46E | 30 |
| 31 | 0.420E | | 5.33 | | 0.020 | | 0 | 0 | | 3.45 | | 1.38E | 31 |
| TOTAL | 27.988 | 9.777 | 184.85 | 48.180 | 3.639 | 5.843 | 2.279 | 1.304 | 1.028 | 88.774 | 127.833 | 176.99 | TOTAL |
| MEAN | 0.903 | 0.349 | 5.32 | 1.54 | 0.117 | 0.185 | 0.074 | 0.042 | 0.034 | 2.80 | 4.25 | 5.71 | MEAN |
| MAX | 1.63 | 0.502 | 26.6 | 7.21 | 0.301 | 1.41 | 0.548 | 0.391 | 0.229 | 12.5 | 20.5 | 19.9 | MAX |
| MIN | 0.390 | 0.269 | 1.44 | 0.325 | 0.020 | 0 | 0 | 0 | 0 | 0.358 | 0.743 | 1.38 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.75
MAXIMUM DAILY, 26.60 ON MAR 8
MINIMUM DAILY, 0 ON JUN 15
MAXIMUM INSTANTANEOUS,
35.9 AT 01:47 EST ON MAR 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 40 N
LONG 81 43 31 W
DRAINAGE AREA, 154 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 420 | JUL | 197 |
| FEB | 845 | AUG | 113 |
| MAR | 16 300 | SEP | 88.8 |
| APR | 3 980 | OCT | 7 800 |
| MAY | 314 | NOV | 11 000 |
| JUN | 479 | DEC | 15 300 |

TOTAL DISCHARGE, 55 500 dam³

## PINEIMUTA RIVER AT EYES LAKE - STATION NO 04PA003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.2 B | 6.68E | 6.11E | 7.23E | 161 | 53.7 | 17.6 | 21.6 | 48.3 | 33.6 | 35.9 | 20.7E | 1 |
| 2 | 10.0 B | 6.63E | 6.10E | 7.22E | 156 | 52.6 | 19.2 | 20.4 | 50.3 | 31.7 | 35.2 | 20.1E | 2 |
| 3 | 9.80E | 6.60E | 6.09E | 7.21E | 148 | 44.8 | 19.7 | 19.7 | 51.0 | 32.9 | 34.4 | 19.6E | 3 |
| 4 | 9.60E | 6.56E | 6.08E | 7.20E | 140 | 39.3 | 20.3 | 18.0 | 51.7 | 33.7 | 34.6 | 19.1E | 4 |
| 5 | 9.40E | 6.52E | 6.07E | 7.25E | 130 | 37.5 | 20.9 | 17.9 | 50.6 | 33.7 | 36.1 | 18.8E | 5 |
| 6 | 9.25E | 6.48E | 6.08E | 7.35E | 116 | 36.9 | 20.4 | 18.2 | 48.8 | 34.3 | 36.6 | 18.1E | 6 |
| 7 | 9.05E | 6.45E | 6.08E | 7.50E | 110 | 33.8 | 20.0 | 17.2 | 47.4 | 37.9 | 35.6 | 17.8E | 7 |
| 8 | 8.90E | 6.43E | 6.04E | 7.60E | 104 | 32.3 | 18.5 | 17.4 | 45.6 | 41.2 | 35.5 | 17.1E | 8 |
| 9 | 8.75E | 6.40E | 6.03E | 9.25E | 95.4 | 30.9 | 19.2 | 16.6 | 44.6 | 42.6 | 35.7 | 16.8E | 9 |
| 10 | 8.60E | 6.38E | 6.03E | 11.5 E | 91.0 | 30.6 | 18.3 | 18.3 | 43.8 | 43.9 | 34.8 | 16.3E | 10 |
| 11 | 8.45E | 6.38E | 6.03E | 14.2 E | 90.0E | 30.4 | 18.1 | 18.8 | 43.5 | 44.9 | 33.6 | 15.9E | 11 |
| 12 | 8.30E | 6.34E | 6.02E | 18.0 E | 89.8E | 29.2 | 16.0 | 20.5 | 43.9 | 45.1 | 33.0 | 15.3E | 12 |
| 13 | 8.20E | 6.32E | 6.02E | 22.5 E | 89.2E | 28.8 | 18.1 | 23.1 | 44.8 | 46.5 | 32.0 | 15.0E | 13 |
| 14 | 8.05E | 6.29E | 6.02E | 29.0 E | 88.8E | 27.5 | 24.8 | 25.0 | 45.9 | 43.8 | 30.7 | 14.6E | 14 |
| 15 | 7.95E | 6.28E | 6.02E | 37.5 E | 88.4E | 24.8 | 32.7 | 27.8 | 49.8 | 43.2 | 29.5 | 14.4E | 15 |
| 16 | 7.85E | 6.25E | 6.08E | 50.5 E | 87.9E | 24.7 | 38.1 | 27.6 | 52.2 | 43.4 | 29.1 | 14.1E | 16 |
| 17 | 7.75E | 6.24E | 6.15E | 65.0 E | 87.9 | 23.6 | 40.3 | 31.0 | 53.4 | 42.9 | 28.7 | 13.7E | 17 |
| 18 | 7.65E | 6.22E | 6.25E | 83.0 E | 88.1 | 22.1 | 40.1 | 38.0 | 54.5 | 42.0 | 28.1E | 13.5E | 18 |
| 19 | 7.55E | 6.21E | 6.50E | 100 E | 84.5 | 20.3 | 39.6 | 45.7 | 54.7 | 41.3 | 27.7E | 13.3E | 19 |
| 20 | 7.45E | 6.20E | 6.71E | 118 E | 80.3 | 19.0 | 38.2 | 52.1 | 53.9 | 41.2 | 27.1E | 13.0E | 20 |
| 21 | 7.35E | 6.19E | 6.85E | 122 E | 73.6 | 17.6 | 36.4 | 55.6 | 52.6 | 40.9 | 26.7E | 12.7E | 21 |
| 22 | 7.27E | 6.18E | 7.00E | 123 E | 71.9 | 16.6 | 35.3 | 58.9 | 51.0 | 41.5 | 26.1E | 12.5E | 22 |
| 23 | 7.20E | 6.17E | 7.10E | 123 E | 69.6 | 15.6 | 33.7 | 61.4 | 46.7 | 41.3 | 25.4E | 12.3E | 23 |
| 24 | 7.10E | 6.16E | 7.20E | 123 E | 67.4 | 14.8 | 31.5 | 62.2 | 44.7 | 41.1 | 25.0E | 12.1E | 24 |
| 25 | 7.05E | 6.15E | 7.25E | 123 E | 66.0 | 14.1 | 30.3 | 62.2 | 42.9 | 40.7 | 24.5E | 11.9E | 25 |
| 26 | 7.00E | 6.14E | 7.30E | 123 E | 63.5 | 13.2 | 28.5 | 61.3 | 41.3 | 39.9 | 23.9E | 11.7E | 26 |
| 27 | 6.95E | 6.13E | 7.30E | 126 E | 60.5 | 13.7 | 27.2 | 60.0 | 39.8 | 39.0 | 23.3E | 11.5E | 27 |
| 28 | 6.88E | 6.12E | 7.28E | 132 E | 59.1 | 14.9 | 26.9 | 58.3 | 38.2 | 38.5 | 22.8E | 11.3E | 28 |
| 29 | 6.82E | | 7.26E | 146 E | 57.6 | 15.5 | 25.1 | 55.5 | 35.2 | 38.0 | 22.1E | 11.2E | 29 |
| 30 | 6.78E | | 7.25E | 162 | 56.3 | 15.6 | 24.0 | 50.9 | 32.9 | 36.9 | 21.4E | 11.1E | 30 |
| 31 | 6.72E | | 7.24E | | 54.8 | | 22.8 | 48.4 | | 36.4 | | 10.9E | 31 |
| TOTAL | 249.87 | 177.04 | 201.46 | 1 922.21 | 2 827.5 | 784.0 | 820.0 | 1 127.6 | 1 405.9 | 1 233.0 | 895.1 | 455.6 | TOTAL |
| MEAN | 8.06 | 6.32 | 6.50 | 64.1 | 91.2 | 26.5 | 26.5 | 36.4 | 46.9 | 39.8 | 29.8 | 14.7 | MEAN |
| MAX | 10.2 | 6.66 | 7.30 | 162 | 161 | 53.7 | 40.3 | 62.2 | 54.7 | 46.5 | 36.5 | 20.7 | MAX |
| MIN | 6.72 | 6.12 | 6.02 | 7.20 | 54.8 | 13.2 | 15.0 | 16.3 | 32.9 | 31.7 | 21.4 | 10.9 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.2
MAXIMUM DAILY, 162 ON APR 30
MINIMUM DAILY, 6.02E ON MAR 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 30 N
LONG 88 45 15 W
DRAINAGE AREA, 4 900 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 21 500 | JUL | 70 500 |
| FEB | 15 300 | AUG | 97 400 |
| MAR | 17 400 | SEP | 121 000 |
| APR | 165 000 | OCT | 107 000 |
| MAY | 244 000 | NOV | 77 300 |
| JUN | 68 500 | DEC | 39 400 |

TOTAL DISCHARGE, 1 050 000 dam³

## PINEWOOD RIVER NEAR PINEWOOD - STATION NO. 05PC011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 0.0878 | 1.67 B | 0.486 | 3.76 | 0.085 | 0.098 | 0.398 | 0.132 | --- | --- | 1 |
| 2 | --- | --- | 0.0858 | 1.46 B | 0.437 | 4.50 | 0.068 | 0.316 | 0.315 | 0.115 | --- | --- | 2 |
| 3 | --- | --- | 0.0848 | 1.31 B | 0.389 | 4.05 | 0.065 | 0.360 | 0.283 | 0.121 | --- | --- | 3 |
| 4 | --- | --- | 0.0838 | 1.16 B | 0.339 | 3.32 | 0.046 | 0.355 | 0.257 | 0.118 | --- | --- | 4 |
| 5 | --- | --- | 0.0818 | 1.05 B | 0.284 | 2.84 | 0.029 | 0.215 | 0.227 | 0.127 | --- | --- | 5 |
| 6 | --- | --- | 0.0818 | 0.9308 | 0.270 | 2.57 | 0.025 | 0.155 | 0.159 | 0.137 | --- | --- | 6 |
| 7 | --- | --- | 0.0808 | 0.8308 | 0.303 | 3.64 | 0.024 | 0.119 | 0.120 | 0.183 | --- | --- | 7 |
| 8 | --- | --- | 0.0788 | 0.9588 | 0.288 | 3.12 | 0.014 | 0.094 | 0.140 | 0.189 | --- | --- | 8 |
| 9 | --- | --- | 0.0778 | 0.9958 | 0.285 | 2.42 | 0.009 | 0.068 | 0.182 | 0.204 | --- | --- | 9 |
| 10 | --- | --- | 0.0788 | 0.9708 | 0.251 | 2.03 | 0.013 | 0.045 | 0.171 | 0.208 | --- | --- | 10 |
| 11 | --- | --- | 0.0748 | 0.9228 | 0.212 | 2.15 | 0.014 | 0.045 | 0.159 | 0.189 | --- | --- | 11 |
| 12 | --- | --- | 0.0738 | 0.4518 | 0.221 | 2.23 | 0.027 | 0.687 | 0.260 | 0.203 | --- | --- | 12 |
| 13 | --- | --- | 0.0738 | 0.5788 | 0.203 | 1.73 | 0.028 | 2.02 | 0.341 | 0.205 | --- | --- | 13 |
| 14 | --- | --- | 0.0718 | 0.6908 | 0.222 | 1.36 | 0.028 | 2.15 | 0.398 | 0.192 | --- | --- | 14 |
| 15 | --- | --- | 0.0708 | 0.7508 | 0.262 | 1.01 | 0.041 | 1.87 | 0.327 | 0.184 | --- | --- | 15 |
| 16 | --- | --- | 0.0688 | 0.7298 | 0.231 | 0.741 | 0.051 | 1.78 | 0.204 | 0.175 | --- | --- | 16 |
| 17 | --- | --- | 0.0738 | 0.6808 | 0.332 | 0.521 | 0.087 | 2.24 | 0.182 | 0.184 | --- | --- | 17 |
| 18 | --- | --- | 0.0808 | 0.8778 | 0.488 | 0.416 | 0.083 | 1.87 | 0.177 | 0.235 | --- | --- | 18 |
| 19 | --- | --- | 0.0818 | 0.684 | 0.428 | 0.324 | 0.1[illegible] | 1.83 | 0.188 | 0.247 | --- | --- | 19 |
| 20 | --- | --- | 0.1118 | 0.720 | 0.391 | 0.258 | 0.3[illegible] | 1.30 | 0.238 | 0.183 | --- | --- | 20 |
| 21 | --- | --- | 0.1518 | 0.913 | 2.18 | 0.220 | 0.488 | 0.980 | 0.280 | 0.220 | --- | --- | 21 |
| 22 | --- | --- | 0.2418 | 1.19 | 7.78 | 0.193 | 0.588 | 0.756 | 0.240 | 0.225 | --- | --- | 22 |
| 23 | --- | --- | 0.3788 | 1.15 | 7.80 | 0.191 | 0.432 | 0.697 | 0.699 | 0.240 | --- | --- | 23 |
| 24 | --- | --- | 0.5388 | 0.780 | 6.79 | 0.188 | 0.338 | 0.597 | 0.614 | 0.291 | --- | --- | 24 |
| 25 | --- | --- | 0.7808 | 0.821 | 5.78 | 0.178 | 0.278 | 0.478 | 0.338 | 0.268 | --- | --- | 25 |
| 26 | --- | --- | 0.9988 | 0.874 | 5.35 | 0.150 | 0.231 | 0.357 | 0.233 | 0.287 | --- | --- | 26 |
| 27 | --- | --- | 1.23 B | 0.917 | 7.44 | 0.142 | 0.130 | 0.298 | 0.185 | 0.291 | --- | --- | 27 |
| 28 | --- | --- | 1.51 B | 0.761 | 7.40 | 0.102 | 0.114 | 0.243 | 0.140 | 0.335 | --- | --- | 28 |
| 29 | --- | | 1.78 B | 0.625 | 6.46 | 0.071 | 0.098 | 0.217 | 0.131 | 0.329 | --- | --- | 29 |
| 30 | --- | | 1.96 B | 0.585 | 5.45 | 0.083 | 0.080 | 0.258 | 0.134 | 0.318 | --- | --- | 30 |
| 31 | --- | | 1.84 B | | 4.52 | | 0.078 | 0.403 | | 0.3088 | | --- | 31 |
| TOTAL | --- | --- | 13.000 | 25.188 | 74.183 | 44.485 | 3.998 | 33.982 | 7.522 | 6.881 | --- | --- | TOTAL |
| MEAN | --- | --- | 0.419 | 0.839 | 2.38 | 1.48 | 0.128 | 0.728 | 0.251 | 0.215 | --- | --- | MEAN |
| MAX | --- | --- | 1.96 | 1.67 | 7.80 | 4.50 | 0.588 | 2.24 | 0.614 | 0.335 | --- | --- | MAX |
| MIN | --- | --- | 0.069 | 0.451 | 0.203 | 0.083 | 0.008 | 0.045 | 0.130 | 0.115 | --- | --- | MIN |

### SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.808
MAXIMUM DAILY, 7.80 ON MAY 23
MINIMUM DAILY, 0.008 ON JUL 9
MAXIMUM INSTANTANEOUS,
8.31 AT 17:35 CST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 10 N
LONG 94 14 00 W
DRAINAGE AREA, 481 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 348 |
| FEB | --- | AUG | 1 930 |
| MAR | 1 120 | SEP | 850 |
| APR | 2 170 | OCT | 578 |
| MAY | 6 410 | NOV | --- |
| JUN | 3 940 | DEC | --- |

TOTAL DISCHARGE, 17 100 dam³

## PIPESTONE RIVER ABOVE RAINY LAKE - STATION NO. 05PB015

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.33 | 1.05 | 0.787 | 5.22 | 1.52 | 4.11 | 0.381 | 15.5 | 3.80 | 1.61 | 0.842 | 1.23 | 1 |
| 2 | 1.30 | 1.07 | 0.762 | 4.81 | 1.43 | 4.27 | 0.370 | 16.0 | 3.50 | 1.36 | 0.859 | 1.17 | 2 |
| 3 | 1.28 | 1.04 | 0.710 | 4.19 | 1.33 | 4.10 | 0.380 | 12.1 | 3.22 | 1.32 | 0.885 | 1.12 | 3 |
| 4 | 1.31 | 0.994 | 0.715 | 3.86 | 1.23 | 3.88 | 0.345 | 8.86 | 3.04 | 1.27 | 0.845 | 1.08 | 4 |
| 5 | 1.32 | 0.980 | 0.719 | 3.87 | 1.15 | 3.65 | 0.315 | 8.82 | 3.03 | 1.22 | 0.808 | 1.06 | 5 |
| 6 | 1.31 | 0.983 | 0.748 | 3.82 | 1.06 | 3.39 | 0.310 | 7.87 | 3.39 | 1.23 | 0.798 | 1.06 | 6 |
| 7 | 1.29 | 0.993 | 0.844 | 4.22 | 1.00 | 3.15 | 0.328 | 7.02 | 3.39 | 1.21 | 0.800 | 1.08 | 7 |
| 8 | 1.27 | 0.988 | 0.981 | 4.17 | 0.952 | 2.87 | 0.387 | 6.07 | 3.41 | 1.21 | 0.790 | 1.09 | 8 |
| 9 | 1.27 | 0.981 | 0.955 | 4.10 | 0.872 | 2.87 | 0.340 | 5.18 | 3.25 | 1.16 | 0.770 | 1.11 | 9 |
| 10 | 1.28 | 0.952 | 0.916 | 4.03 | 0.803 | 2.52 | 0.318 | 4.40 | 3.05 | 1.11 | 0.744 | 1.10 | 10 |
| 11 | 1.27 | 0.948 | 0.887 | 4.02 | 0.753 | 2.43 | 0.349 | 4.55 | 3.11 | 1.08 | 0.781 | 1.08 | 11 |
| 12 | 1.24 | 0.934 | 0.849 | 3.83 | 0.688 | 2.27 | 0.339 | 13.7 | 3.08 | 1.04 | 0.784 | 1.08 | 12 |
| 13 | 1.25 | 0.902 | 0.826 | 3.80 | 0.657 | 2.08 | 0.282 | 11.0 | 3.01 | 1.02 | 0.783 | 1.08 | 13 |
| 14 | 1.22 | 0.879 | 0.812 | 3.86 | 0.584 | 1.87 | 0.283 | 9.84 | 2.98 | 0.980 | 0.767 | 1.07 | 14 |
| 15 | 1.18 | 0.886 | 0.808 | 3.46 | 0.558 | 1.67 | 0.285 | 9.48 | 2.89 | 0.948 | 0.782 | 1.05 | 15 |
| 16 | 1.18 | 0.881 | 0.828 | 3.83 | 0.614 | 1.50 | 0.248 | 10.5 | 2.78 | 0.981 | 0.935 | 1.03 | 16 |
| 17 | 1.23 | 0.875 | 0.847 | 3.16 | 0.786 | 1.34 | 0.250 | 10.2 | 2.84 | 0.942 | 1.12 | 0.999 | 17 |
| 18 | 1.24 | 0.872 | 0.898 | 3.08 | 0.927 | 1.20 | 0.249 | 10.3 | 2.90 | 0.902 | 1.14 | 1.04 | 18 |
| 19 | 1.20 | 0.881 | 0.981 | 2.97 | 0.974 | 1.05 | 0.323 | 10.8 | 2.89 | 0.887 | 1.15 | 1.04 | 19 |
| 20 | 1.17 | 0.849 | 1.10 | 2.84 | 1.00 | 0.959 | 0.343 | 10.8 | 2.55 | 0.835 | 1.12 | 1.00 | 20 |
| 21 | 1.11 | 0.832 | 1.33 | 2.71 | 2.14 | 0.859 | 0.307 | 10.2 | 2.53 | 0.812 | 1.08 | 1.01 | 21 |
| 22 | 1.08 | 0.841 | 1.58 | 2.61 | 5.61 | 0.784 | 0.288 | 9.27 | 2.44 | 0.795 | 1.21 | 0.993 | 22 |
| 23 | 1.02 | 0.825 | 2.32 | 2.47 | 5.83 | 0.724 | 1.05 | 8.32 | 2.34 | 0.784 | 1.30 | 1.02 | 23 |
| 24 | 0.970 | 0.810 | 4.28 | 2.31 | 5.63 | 0.675 | 1.32 | 7.36 | 2.15 | 0.780 | 1.25 | 0.985 | 24 |
| 25 | 0.997 | 0.804 | 5.03 | 2.19 | 5.62 | 0.607 | 1.15 | 6.56 | 1.99 | 0.784 | 1.24 | 0.981 | 25 |
| 26 | 1.01 | 0.801 | 5.33 | 2.06 | 5.62 | 0.573 | 1.17 | 6.01 | 1.87 | 0.785 | 1.27 | 0.929 | 26 |
| 27 | 1.08 | 0.789 | 5.84 | 1.91 | 5.34 | 0.549 | 1.10 | 5.45 | 1.78 | 0.824 | 1.32 | 0.943 | 27 |
| 28 | 1.09 | 0.779 | 7.03 | 1.81 | 5.80 | 0.496 | 1.00 | 4.91 | 1.69 | 0.839 | 1.30 | 0.908 | 28 |
| 29 | 1.08 | | 6.99 | 1.70 | 5.42 | 0.447 | 0.898 | 4.44 | 1.61 | 0.844 | 1.27 | 0.891 | 29 |
| 30 | 1.14 | | 6.54 | 1.59 | 4.97 | 0.411 | 0.804 | 4.40 | 1.48 | 0.851 | 1.25 | 0.887 | 30 |
| 31 | 1.08 | | 5.81 | | 4.45 | | 0.838 | 4.11 | | 0.847 | | 0.868 | 31 |
| TOTAL | 36.787 | 25.324 | 72.020 | 97.82 | 81.038 | 57.114 | 15.288 | 285.97 | 80.97 | 31.020 | 28.903 | 31.984 | TOTAL |
| MEAN | 1.19 | 0.904 | 2.32 | 3.26 | 2.61 | 1.90 | 0.525 | 8.58 | 2.70 | 1.00 | 0.987 | 1.03 | MEAN |
| MAX | 1.33 | 1.07 | 7.03 | 5.22 | 5.83 | 4.27 | 1.32 | 16.5 | 3.80 | 1.61 | 1.32 | 1.23 | MAX |
| MIN | 0.970 | 0.779 | 0.710 | 1.59 | 0.558 | 0.411 | 0.246 | 4.11 | 1.48 | 0.784 | 0.744 | 0.887 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.26
MAXIMUM DAILY, 16.5 ON AUG 1
MINIMUM DAILY, 0.246 ON JUL 16
MAXIMUM INSTANTANEOUS,
21.1 AT 00:37 CST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 07 N
LONG 92 31 27 W
DRAINAGE AREA, 443 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 180 | JUL | 1 410 |
| FEB | 2 190 | AUG | 23 000 |
| MAR | 6 220 | SEP | 7 000 |
| APR | 8 450 | OCT | 2 680 |
| MAY | 7 000 | NOV | 2 580 |
| JUN | 4 930 | DEC | 2 760 |

TOTAL DISCHARGE, 71 400 dam³

PIPESTONE RIVER AT KARL LAKE - STATION NO 04DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.69 | 17.38 | 11.68 | 10.98 | 152 | 80.8 | 45.6 | 39.3 | 34.3 | 30.8 | 41.2 | 23.58 | 1 |
| 2 | 20.48 | 16.98 | 11.59 | 10.98 | 145 | 80.6 | 43.6 | 38.8 | 35.0 | 30.7 | 40.1 | 23.08 | 2 |
| 3 | 20.28 | 16.68 | 11.48 | 10.9 | 140 | 81.5 | 42.1 | 38.4 | 33.1 | 30.2 | 39.9 | 22.48 | 3 |
| 4 | 20.18 | 16.38 | 11.28 | 10.9 | 135 | 81.5 | 40.2 | 37.5 | 32.0 | 30.4 | 40.2 | 21.88 | 4 |
| 5 | 20.08 | 16.18 | 11.18 | 11.0 | 129 | 80.7 | 39.4 | 36.1 | 31.6 | 32.8 | 40.0 | 21.38 | 5 |
| 6 | 19.98 | 15.88 | 11.08 | 11.8 | 124 | 80.5 | 38.0 | 35.4 | 30.9 | 38.1 | 39.5 | 20.48 | 6 |
| 7 | 19.88 | 15.68 | 10.98 | 13.0 | 119 | 59.8 | 36.2 | 34.9 | 29.7 | 41.6 | 36.7 | 20.68 | 7 |
| 8 | 19.78 | 15.38 | 10.88 | 14.1 | 113 | 58.4 | 34.0 | 33.5 | 28.8 | 44.3 | 37.1 | 20.38 | 8 |
| 9 | 19.68 | 15.18 | 10.88 | 15.9 | 108 | 58.2 | 33.9 | 32.0 | 29.4 | 46.0 | 36.9 | 20.08 | 9 |
| 10 | 19.48 | 14.98 | 10.78 | 17.9 | 102 | 58.3 | 32.1 | 30.8 | 29.6 | 47.3 | 35.4 | 19.68 | 10 |
| 11 | 19.38 | 14.78 | 10.68 | 19.6 | 96.7 | 60.4 | 31.6 | 29.9 | 29.7 | 49.0 | 35.8 | 19.38 | 11 |
| 12 | 19.28 | 14.48 | 10.58 | 21.2 | 91.9 | 61.8 | 30.5 | 30.0 | 30.0 | 49.8 | 36.2 | 18.88 | 12 |
| 13 | 19.18 | 14.28 | 10.58 | 23.6 | 88.9 | 63.6 | 31.7 | 30.7 | 33.5 | 49.7 | 36.6 | 18.58 | 13 |
| 14 | 19.08 | 14.08 | 10.48 | 27.2 | 90.0 | 68.7 | 33.2 | 30.4 | 37.3 | 50.3 | 35.9 | 18.18 | 14 |
| 15 | 18.98 | 13.88 | 10.48 | 33.2 | 87.6 | 88.8 | 34.1 | 28.2 | 39.4 | 52.1 | 34.4 | 17.78 | 15 |
| 16 | 18.88 | 13.68 | 10.48 | 42.1 | 84.7 | 70.9 | 34.9 | 28.4 | 40.2 | 50.7 | 34.8 | 17.28 | 16 |
| 17 | 18.78 | 13.58 | 10.48 | 54.6 | 83.6 | 70.6 | 36.0 | 28.7 | 40.6 | 48.8 | 35.6 | 16.98 | 17 |
| 18 | 18.68 | 13.38 | 10.38 | 70.7 | 81.6 | 70.7 | 37.0 | 28.5 | 40.8 | 48.2 | 33.6 | 16.48 | 18 |
| 19 | 18.58 | 13.18 | 10.38 | 83.6 | 78.8 | 69.8 | 37.5 | 30.9 | 40.5 | 48.6 | 33.0 | 16.18 | 19 |
| 20 | 18.48 | 13.08 | 10.38 | 108 | 78.7 | 67.1 | 36.5 | 32.4 | 40.0 | 48.9 | 32.2 | 15.88 | 20 |
| 21 | 18.38 | 12.88 | 10.38 | 125 | 76.4 | 64.1 | 41.2 | 34.3 | 39.1 | 48.4 | 29.9 | 15.48 | 21 |
| 22 | 18.28 | 12.68 | 10.48 | 139 | 74.7 | 60.5 | 42.8 | 35.0 | 38.7 | 47.3 | 28.48 | 15.18 | 22 |
| 23 | 18.18 | 12.58 | 10.48 | 151 | 73.1 | 59.0 | 43.2 | 37.4 | 38.6 | 46.4 | 28.88 | 14.98 | 23 |
| 24 | 18.08 | 12.48 | 10.58 | 159 | 72.4 | 58.2 | 44.2 | 38.0 | 37.8 | 45.5 | 28.08 | 14.58 | 24 |
| 25 | 18.08 | 12.28 | 10.58 | 162 | 70.6 | 58.9 | 44.8 | 38.5 | 36.5 | 45.0 | 27.38 | 14.18 | 25 |
| 26 | 17.98 | 12.18 | 10.68 | 163 | 67.6 | 54.5 | 44.8 | 38.8 | 35.7 | 44.8 | 26.78 | 13.98 | 26 |
| 27 | 17.98 | 11.98 | 10.78 | 166 | 65.8 | 52.4 | 44.5 | 38.3 | 34.5 | 44.8 | 26.18 | 13.68 | 27 |
| 28 | 17.88 | 11.88 | 10.78 | 166 | 64.2 | 50.6 | 44.4 | 37.8 | 33.6 | 44.3 | 25.38 | 13.38 | 28 |
| 29 | 17.78 | | 10.88 | 163 | 62.4 | 48.8 | 43.4 | 37.1 | 30.9 | 42.4 | 24.78 | 13.18 | 29 |
| 30 | 17.68 | | 10.88 | 156 | 62.6 | 47.8 | 42.2 | 36.2 | 30.0 | 41.8 | 24.38 | 12.88 | 30 |
| 31 | 17.58 | | 10.88 | | 62.4 | | 40.2 | 35.4 | | 41.3 | | 12.68 | 31 |
| TOTAL | 585.2 | 385.8 | 331.8 | 2 169.3 | 2 885.9 | 1 826.7 | 1 206.6 | 1 085.6 | 1 042.4 | 1 380.4 | 1 005.9 | 841.5 | TOTAL |
| MEAN | 18.9 | 14.1 | 10.7 | 72.3 | 93.1 | 60.9 | 38.9 | 34.4 | 34.7 | 43.9 | 33.5 | 17.5 | MEAN |
| MAX | 20.6 | 17.3 | 11.6 | 166 | 152 | 70.9 | 45.6 | 39.3 | 40.6 | 52.1 | 41.2 | 23.5 | MAX |
| MIN | 17.5 | 11.8 | 10.3 | 10.9 | 62.4 | 47.8 | 30.5 | 28.4 | 28.8 | 30.2 | 24.3 | 12.6 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.5
MAXIMUM DAILY, 166 ON APR 27
MINIMUM DAILY, 10.38 ON MAR 18
MAXIMUM INSTANTANEOUS,
168 AT 00:50 EST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 50 N
LONG 90 11 20 W
DRAINAGE AREA, 5 950 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 90 800 | JUL | 104 000 |
| FEB | 34 200 | AUG | 92 100 |
| MAR | 28 700 | SEP | 80 100 |
| APR | 187 000 | OCT | 118 000 |
| MAY | 248 000 | NOV | 86 900 |
| JUN | 156 000 | DEC | 46 800 |

TOTAL DISCHARGE, 1 250 000 dam³

PORCUPINE RIVER AT HOYLE - STATION NO 04MD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.408 | 1.13 B | 0.8058 | 4.18 | 9.82 | 3.79 | 2.17 | 4.37 | 2.53 | 3.09 | 5.25 | 2.528 | 1 |
| 2 | 1.408 | 1.12 B | 0.8008 | 3.83 | 8.85 | 4.20 | 1.77 | 4.28 | 2.74 | 4.46 | 4.92 | 2.468 | 2 |
| 3 | 1.408 | 1.11 B | 0.7988 | 3.83 | 7.58 | 4.77 | 1.82 | 5.35 | 2.58 | 7.45 | 4.77 | 2.338 | 3 |
| 4 | 1.408 | 1.10 B | 0.7958 | 3.63 | 6.88 | 4.62 | 1.41 | 11.4 | 2.41 | 8.97 | 5.08 | 2.238 | 4 |
| 5 | 1.408 | 1.08 B | 0.7958 | 3.48 | 6.87 | 4.33 | 1.40 | 13.4 | 2.38 | 10.3 | 5.88 | 2.138 | 5 |
| 6 | 1.418 | 1.07 B | 0.7988 | 3.93 | 5.03 | 3.88 | 1.45 | 12.1 | 2.38 | 10.1 | 5.77 | 2.088 | 6 |
| 7 | 1.418 | 1.05 B | 0.8008 | 4.72 | 4.67 | 3.80 | 1.32 | 8.85 | 2.78 | 8.48 | 5.22 | 1.908 | 7 |
| 8 | 1.418 | 1.04 B | 0.8408 | 5.42 | 4.30 | 3.20 | 1.18 | 7.81 | 3.10 | 10.1 | 4.87 | 1.738 | 8 |
| 9 | 1.408 | 1.03 B | 0.8908 | 6.57 | 4.05 | 3.12 | 1.11 | 8.33 | 6.74 | 9.80 | 4.64 | 1.608 | 9 |
| 10 | 1.408 | 1.02 B | 0.8868 | 8.66 | 3.75 | 2.88 | 1.02 | 5.11 | 9.58 | 9.89 | 4.37 | 1.908 | 10 |
| 11 | 1.408 | 1.01 B | 0.8508 | 11.2 | 3.80 | 2.72 | 0.985 | 4.20 | 8.91 | 9.75 | 4.18 | 2.308 | 11 |
| 12 | 1.408 | 1.00 B | 0.8468 | 14.2 | 3.82 | 2.87 | 1.28 | 3.95 | 8.47 | 8.80 | 3.89 | 2.888 | 12 |
| 13 | 1.388 | 0.9808 | 0.8358 | 15.5 | 3.81 | 3.77 | 3.21 | 3.16 | 7.98 | 8.07 | 3.88 | 2.808 | 13 |
| 14 | 1.378 | 0.9708 | 0.8308 | 16.2 | 3.83 | 3.89 | 8.22 | 2.87 | 7.01 | 7.46 | 3.79 | 2.988 | 14 |
| 15 | 1.358 | 0.9608 | 0.8208 | 15.7 | 3.21 | 3.27 | 6.84 | 2.88 | 6.04 | 8.79 | 3.87 | 3.008 | 15 |
| 16 | 1.338 | 0.9508 | 0.8108 | 15.6 | 2.92 | 3.17 | 5.80 | 2.80 | 5.29 | 6.30 | 3.80 | 2.958 | 16 |
| 17 | 1.318 | 0.9408 | 0.8158 | 15.2 | 2.74 | 3.48 | 5.07 | 2.80 | 4.58 | 6.54 | 3.88 | 2.858 | 17 |
| 18 | 1.308 | 0.9308 | 0.8258 | 14.9 | 2.44 | 3.40 | 4.81 | 2.80 | 4.10 | 8.46 | 4.31 | 2.788 | 18 |
| 19 | 1.288 | 0.9208 | 0.8508 | 14.5 | 2.13 | 3.98 | 4.98 | 3.63 | 3.48 | 9.73 | 4.32 | 2.678 | 19 |
| 20 | 1.278 | 0.9108 | 0.8808 | 15.6 | 1.95 | 4.40 | 5.81 | 5.52 | 3.20 | 9.41 | 4.16 | 2.598 | 20 |
| 21 | 1.268 | 0.8908 | 1.00 B | 15.3 | 1.82 | 3.90 | 7.59 | 6.00 | 3.26 | 8.56 | 3.808 | 2.508 | 21 |
| 22 | 1.258 | 0.8808 | 1.20 B | 14.3 | 3.34 | 3.11 | 7.46 | 5.92 | 3.44 | 7.78 | 3.608 | 2.438 | 22 |
| 23 | 1.238 | 0.8708 | 1.45 B | 15.2 | 5.59 | 2.81 | 7.13 | 5.85 | 3.38 | 7.32 | 3.48 | 2.388 | 23 |
| 24 | 1.228 | 0.8608 | 1.80 B | 13.3 | 5.81 | 2.15 | 7.87 | 5.03 | 3.08 | 6.72 | 3.37 | 2.288 | 24 |
| 25 | 1.218 | 0.8508 | 2.55 B | 11.4 | 5.26 | 2.16 | 7.82 | 4.44 | 3.05 | 6.09 | 3.168 | 2.208 | 25 |
| 26 | 1.208 | 0.8408 | 3.30 B | 9.83 | 4.76 | 2.69 | 7.40 | 3.96 | 3.02 | 5.61 | 3.05 | 2.188 | 26 |
| 27 | 1.198 | 0.8358 | 4.80 | 8.69 | 4.81 | 3.30 | 6.83 | 3.47 | 2.78 | 5.49 | 2.88 | 2.108 | 27 |
| 28 | 1.188 | 0.8308 | 4.71 | 8.78 | 4.89 | 3.44 | 6.21 | 3.12 | 2.58 | 5.58 | 2.78 | 2.038 | 28 |
| 29 | 1.178 | | 4.58 | 8.98 | 4.54 | 3.19 | 5.73 | 2.79 | 2.78 | 5.61 | 2.72 | 1.988 | 29 |
| 30 | 1.168 | | 4.46 | 10.5 | 4.15 | 2.70 | 5.33 | 2.56 | 3.00 | 5.62 | 2.608 | 1.928 | 30 |
| 31 | 1.148 | | 4.27 | | 3.86 | | 4.87 | 2.51 | | 5.51 | | 1.908 | 31 |
| TOTAL | 40.63 | 27.175 | 80.777 | 320.81 | 139.22 | 102.61 | 133.385 | 120.84 | 126.63 | 234.97 | 122.09 | 72.25 | TOTAL |
| MEAN | 1.31 | 0.971 | 1.84 | 10.7 | 4.49 | 3.42 | 4.30 | 5.19 | 4.22 | 7.58 | 4.07 | 2.33 | MEAN |
| MAX | 1.41 | 1.13 | 4.80 | 15.8 | 9.82 | 4.77 | 7.87 | 13.4 | 9.58 | 10.3 | 5.88 | 3.00 | MAX |
| MIN | 1.14 | 0.830 | 0.795 | 3.43 | 1.82 | 2.15 | 0.985 | 2.51 | 2.38 | 3.09 | 2.80 | 1.80 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.20
MAXIMUM DAILY, 15.9 ON APR 15
MINIMUM DAILY, 0.7958 ON MAR 4
MAXIMUM INSTANTANEOUS,
17.0 AT 03:05 EST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 33 22 N
LONG 81 03 25 W
DRAINAGE AREA, 601 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 510 | JUL | 11 500 |
| FEB | 2 350 | AUG | 13 900 |
| MAR | 4 390 | SEP | 10 900 |
| APR | 27 700 | OCT | 20 300 |
| MAY | 12 000 | NOV | 10 500 |
| JUN | 6 870 | DEC | 6 240 |

TOTAL DISCHARGE, 132 000 dam³

REMARKS - THE FLOW IS CONTINUOUSLY AFFECTED BY BEAVER ACTIVITY AND A CONTROL DAM AT TAILINGS (MINE) DUMP SITE

## RAINY LAKE NEAR FORT FRANCES - STATION NO. 05PB007

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 337.247 | 337.075 | 336.891 | 336.778 | 336.708 | 336.748 | 336.727 | 336.834 | 337.621 | 337.685 | 337.488 | 337.415 | 1 |
| 2 | 337.250 | 337.071 | 336.884 | 336.770 | 336.710 | 336.744 | 336.738 | 336.935 | 337.631 | 337.624 | 337.486 | 337.411 | 2 |
| 3 | 337.248 | 337.064 | 336.880 | 336.764 | 336.704 | 336.741 | 336.724 | 336.950 | 337.636 | 337.612 | 337.485 | 337.411 | 3 |
| 4 | 337.245 | 337.056 | 336.877 | 336.756 | 336.700 | 336.748 | 336.723 | 336.952 | 337.650 | 337.606 | 337.480 | 337.408 | 4 |
| 5 | 337.242 | 337.049 | 336.870 | 336.750 | 336.692 | 336.760 | 336.721 | 336.984 | 337.663 | 337.600 | 337.467 | 337.405 | 5 |
| 6 | 337.238 | 337.040 | 336.864 | 336.742 | 336.688 | 336.775 | 336.719 | 336.984 | 337.672 | 337.593 | 337.476 | 337.402 | 6 |
| 7 | 337.232 | 337.035 | 336.858 | 336.735 | 336.685 | 336.780 | 336.717 | 336.985 | 337.680 | 337.588 | 337.484 | 337.397 | 7 |
| 8 | 337.231 | 337.026 | 336.852 | 336.732 | 336.675 | 336.775 | 336.712 | 336.996 | 337.689 | 337.583 | 337.478 | 337.392 | 8 |
| 9 | 337.227 | 337.019 | 336.846 | 336.730 | 336.672 | 336.771 | 336.714 | 337.006 | 337.694 | 337.584 | 337.470 | 337.384 | 9 |
| 10 | 337.221 | 337.010 | 336.845 | 336.726 | 336.678 | 336.771 | 336.710 | 337.010 | 337.704 | 337.562 | 337.473 | 337.385 | 10 |
| 11 | 337.217 | 337.004 | 336.841 | 336.726 | 336.674 | 336.769 | 336.708 | 337.040 | 337.710 | 337.550 | 337.471 | 337.382 | 11 |
| 12 | 337.213 | 336.993 | 336.837 | 336.727 | 336.667 | 336.776 | 336.717 | 337.074 | 337.712 | 337.548 | 337.469 | 337.378 | 12 |
| 13 | 337.208 | 336.981 | 336.835 | 336.725 | 336.658 | 336.782 | 336.701 | 337.081 | 337.713 | 337.540 | 337.461 | 337.375 | 13 |
| 14 | 337.200 | 336.962 | 336.830 | 336.726 | 336.669 | 336.781 | 336.702 | 337.120 | 337.713 | 337.524 | 337.462 | 337.373 | 14 |
| 15 | 337.191 | 336.974 | 336.823 | 336.727 | 336.654 | 336.776 | 336.708 | 337.149 | 337.716 | 337.535 | 337.486 | 337.371 | 15 |
| 16 | 337.186 | 336.983 | 336.818 | 336.728 | 336.666 | 336.778 | 336.708 | 337.177 | 337.720 | 337.535 | 337.472 | 337.368 | 16 |
| 17 | 337.181 | 336.951 | 336.809 | 336.727 | 336.673 | 336.778 | 336.709 | 337.187 | 337.722 | 337.515 | 337.470 | 337.368 | 17 |
| 18 | 337.173 | 336.944 | 336.803 | 336.730 | 336.674 | 336.773 | 336.721 | 337.224 | 337.720 | 337.498 | 337.446 | 337.368 | 18 |
| 19 | 337.173 | 336.938 | 336.798 | 336.733 | 336.667 | 336.771 | 336.739 | 337.281 | 337.726 | 337.488 | 337.441 | 337.364 | 19 |
| 20 | 337.167 | 336.928 | 336.791 | 336.736 | 336.666 | 336.776 | 336.730 | 337.298 | 337.721 | 337.493 | 337.432 | 337.348 | 20 |
| 21 | 337.164 | 336.928 | 336.787 | 336.721 | 336.668 | 336.770 | 336.730 | 337.338 | 337.715 | 337.488 | 337.443 | 337.346 | 21 |
| 22 | 337.155 | 336.918 | 336.781 | 336.728 | 336.694 | 336.782 | 336.745 | 337.387 | 337.707 | 337.488 | 337.447 | 337.345 | 22 |
| 23 | 337.148 | 336.916 | 336.768 | 336.728 | 336.698 | 336.756 | 336.761 | 337.388 | 337.706 | 337.483 | 337.441 | 337.337 | 23 |
| 24 | 337.136 | 336.910 | 336.767 | 336.728 | 336.687 | 336.744 | 336.791 | 337.420 | 337.703 | 337.481 | 337.438 | 337.330 | 24 |
| 25 | 337.130 | 336.908 | 336.759 | 336.728 | 336.705 | 336.740 | 336.799 | 337.460 | 337.696 | 337.478 | 337.434 | 337.331 | 25 |
| 26 | 337.122 | 336.908 | 336.759 | 336.725 | 336.720 | 336.731 | 336.808 | 337.487 | 337.696 | 337.478 | 337.429 | 337.330 | 26 |
| 27 | 337.111 | 336.902 | 336.758 | 336.712 | 336.724 | 336.734 | 336.818 | 337.531 | 337.692 | 337.471 | 337.428 | 337.324 | 27 |
| 28 | 337.104 | 336.898 | 336.753 | 336.708 | 336.728 | 336.735 | 336.818 | 337.561 | 337.682 | 337.478 | 337.427 | 337.318 | 28 |
| 29 | 337.101 | | 336.751 | 336.707 | 336.730 | 336.734 | 336.820 | 337.581 | 337.667 | 337.461 | 337.424 | 337.310 | 29 |
| 30 | 337.093 | | 336.746 | 336.703 | 336.733 | 336.729 | 336.829 | 337.591 | 337.682 | 337.477 | 337.420 | 337.304A | 30 |
| 31 | 337.088 | | 336.745 | | 336.737 | | 336.872 | 337.593 | | 337.462 | | 337.298A | 31 |
| MEAN | 337.182 | 336.978 | 336.824 | 336.732 | 336.690 | 336.761 | 336.747 | 337.214 | 337.691 | 337.533 | 337.457 | 337.363 | MEAN |
| MAX | 337.250 | 337.075 | 336.891 | 336.778 | 336.737 | 336.789 | 336.872 | 337.593 | 337.726 | 337.685 | 337.488 | 337.415 | MAX |
| MIN | 337.088 | 336.898 | 336.745 | 336.703 | 336.654 | 336.729 | 336.701 | 336.934 | 337.621 | 337.471 | 337.420 | 337.298 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 337.098
MAXIMUM DAILY 337.726 ON SEP 19
MINIMUM DAILY 336.654 ON MAY 15
MAXIMUM INSTANTANEOUS
337.737 AT 18 37 CST ON SEP 19

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 30 N
LONG 93 20 00 W

A - MANUAL GAUGE

REGULATED SINCE 1909

WATER LEVELS ARE REFERRED TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

## RAINY RIVER AT FORT FRANCES - STATION NO. 05PC019

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 198 | 222 | 195 | 221 | 71.3 | 60.7 | 53.8 | 54.6 | 246 | 296 | 173 | 189 | 1 |
| 2 | 196 | 220 | 192 | 224 | 71.8 | 57.9 | 53.5 | 54.9 | 248 | 273 | 171 | 187 | 2 |
| 3 | 198 | 224 | 195 | 222 | 70.1 | 56.8 | 56.5 | 54.4 | 227 | 271 | 174 | 172 | 3 |
| 4 | 199 | 223 | 195 | 222 | 73.3 | 55.5 | 54.4 | 56.1 | 240 | 272 | 177 | 174 | 4 |
| 5 | 198 | 223 | 196 | 216 | 69.8 | 54.6 | 60.8 | 55.6 | 251 | 284 | 180 | 173 | 5 |
| 6 | 201 | 221 | 191 | 223 | 69.8 | 54.4 | 53.6 | 55.2 | 248 | 180 | 178 | 173 | 6 |
| 7 | 201 | 223 | 191 | 222 | 68.8 | 54.3 | 54.2 | 56.1 | 236 | 196 | 177 | 172 | 7 |
| 8 | 201 | 224 | 179 | 193 | 66.5 | 55.8 | 53.0 | 55.5 | 246 | 229 | 176 | 175 | 8 |
| 9 | 212 | 223 | 176 | 195 | 69.2 | 58.0 | 52.4 | 56.4 | 249 | 234 | 172 | 172 | 9 |
| 10 | 201 | 208 | 176 | 167 | 69.7 | 58.1 | 53.2 | 55.8 | 242 | 213 | 167 | 175 | 10 |
| 11 | 198 | 210 | 177 | 183 | 68.9 | 57.9 | 52.5 | 54.2 | 283 | 213 | 166 | 175 | 11 |
| 12 | 204 | 208 | 185 | 182 | 66.2 | 55.2 | 52.1 | 57.0 | 284 | 213 | 164 | 174 | 12 |
| 13 | 224 | 209 | 195 | 161 | 67.9 | 55.1 | 53.1 | 57.7 | 302 | 213 | 169 | 174 | 13 |
| 14 | 222 | 208 | 185 | 136 | 66.9 | 54.7 | 52.4 | 55.1 | 287 | 197 | 168 | 176 | 14 |
| 15 | 221 | 210 | 184 | 112 | 65.3 | 55.1 | 53.0 | 53.5 | 289 | 209 | 168 | 173 | 15 |
| 16 | 220 | 207 | 187 | 84.0 | 68.1 | 56.1 | 52.8 | 55.4 | 295 | 210 | 181 | 174 | 16 |
| 17 | 221 | 206 | 184 | 81.0 | 70.9 | 55.1 | 53.3 | 52.6 | 301 | 210 | 166 | 172 | 17 |
| 18 | 220 | 206 | 195 | 80.0 | 71.4 | 56.9 | 52.7 | 52.1 | 285 | 207 | 177 | 173 | 18 |
| 19 | 223 | 207 | 184 | 88.0 | 69.4 | 55.1 | 52.6 | 53.8 | 298 | 209 | 164 | 174 | 19 |
| 20 | 215 | 196 | 184 | 103 | 68.2 | 56.5 | 52.5 | 52.5 | 294 | 181 | 169 | 171 | 20 |
| 21 | 222 | 196 | 193 | 95.0 | 66.8 | 55.0 | 52.8 | 54.1 | 295 | 188 | 168 | 173 | 21 |
| 22 | 221 | 197 | 193 | 91.0 | 66.7 | 55.8 | 60.2 | 52.9 | 296 | 174 | 180 | 182 | 22 |
| 23 | 215 | 197 | 191 | 98.0 | 65.1 | 58.0 | 54.8 | 53.7 | 298 | 188 | 168 | 190 | 23 |
| 24 | 220 | 188 | 213 | 95.0 | 63.4 | 55.2 | 54.9 | 53.5 | 295 | 188 | 169 | 149 | 24 |
| 25 | 223 | 196 | 218 | 103 | 62.4 | 54.5 | 52.8 | 54.3 | 295 | 195 | 168 | 66.2 | 25 |
| 26 | 219 | 197 | 221 | 103 | 62.5 | 54.0 | 54.5 | 56.9 | 287 | 188 | 168 | 149 | 26 |
| 27 | 218 | 196 | 222 | 93.0 | 59.0 | 57.7 | 54.7 | 76.3 | 298 | 190 | 169 | 169 | 27 |
| 28 | 212 | 193 | 221 | 87.0 | 59.0 | 56.0 | 53.9 | 136 | 294 | 185 | 169 | 166 | 28 |
| 29 | 206 | | 223 | 86.0 | 57.7 | 55.9 | 52.4 | 209 | 297 | 169 | 169 | 169 | 29 |
| 30 | 211 | | 219 | 76.0 | 59.0 | 55.8 | 52.4 | 236 | 293 | 161 | 168 | 190 | 30 |
| 31 | 224 | | 221 | | 58.6 | | 60.5 | 233 | | 172 | | 160 | 31 |
| TOTAL | 6 542 | 5 849 | 6 133 | 4 244.0 | 2 072.6 | 1 684.6 | 1 948.2 | 2 436.2 | 8 330 | 6 533 | 5 487 | 5 325.2 | TOTAL |
| MEAN | 211 | 209 | 198 | 141 | 66.9 | 56.2 | 62.8 | 78.6 | 278 | 211 | 183 | 172 | MEAN |
| MAX | 224 | 224 | 223 | 224 | 73.3 | 60.7 | 86.5 | 236 | 302 | 296 | 191 | 190 | MAX |
| MIN | 166 | 193 | 176 | 76.0 | 57.7 | 54.0 | 53.8 | 54.2 | 227 | 172 | 166 | 66.2 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 155
MAXIMUM DAILY 302 ON SEP 13
MINIMUM DAILY 53.8 ON JUL 1

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 38 30 N
LONG 93 24 00 W
DRAINAGE AREA 38 600 km²

REGULATED SINCE 1909

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | |
|---|---|
| JAN 585 000 | JUL 168 000 |
| FEB 505 000 | AUG 210 000 |
| MAR 530 000 | SEP 720 000 |
| APR 367 000 | OCT 564 000 |
| MAY 178 000 | NOV 474 000 |
| JUN 146 000 | DEC 460 000 |

TOTAL DISCHARGE 4 890 000 dam³

## RAINY RIVER AT MANITOU RAPIDS - STATION NO. 05PC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2278 | 2418 | 2128 | 357 | 182 | 291 | 84.1 | 164 | 264 | 331 | 220 | 237 | 1 |
| 2 | 2278 | 2418 | 2128 | 345 | 151 | 261 | 80.7 | 145 | 270 | 351 | 218 | 232 | 2 |
| 3 | 2278 | 2418 | 2128 | 337 | 146 | 247 | 89.2 | 135 | 272 | 334 | 217 | 210 | 3 |
| 4 | 2278 | 2418 | 2128 | 331 | 142 | 248 | 95.7 | 130 | 258 | 320 | 216 | 2128 | 4 |
| 5 | 2278 | 2418 | 2128 | 328 | 139 | 235 | 90.6 | 125 | 260 | 320 | 226 | 2128 | 5 |
| 6 | 2278 | 2418 | 2128 | 328 | 136 | 224 | 87.5 | 118 | 271 | 309 | 235 | 2128 | 6 |
| 7 | 2278 | 2418 | 2128 | 331 | 134 | 210 | 88.6 | 116 | 274 | 281 | 234 | 2128 | 7 |
| 8 | 2278 | 2418 | 2128 | 331 | 131 | 193 | 89.2 | 112 | 273 | 250 | 234 | 2128 | 8 |
| 9 | 2278 | 2418 | 2128 | 317 | 128 | 180 | 88.3 | 107 | 261 | 263 | 234 | 2128 | 9 |
| 10 | 2278 | 2418 | 2278 | 309 | 126 | 169 | 86.7 | 105 | 269 | 277 | 228 | 2128 | 10 |
| 11 | 2278 | 2278 | 2278 | 283 | 123 | 160 | 86.7 | 101 | 282 | 271 | 217 | 2128 | 11 |
| 12 | 2278 | 2278 | 2278 | 284 | 122 | 151 | 86.9 | 99.1 | 323 | 266 | 220 | 213 | 12 |
| 13 | 2418 | 2278 | 2278 | 281 | 120 | 145 | 88.1 | 100 | 337 | 264 | 229 | 213 | 13 |
| 14 | 2418 | 2278 | 2278 | 285 | 118 | 136 | 87.8 | 98.5 | 343 | 259 | 237 | 213 | 14 |
| 15 | 2418 | 2278 | 2278 | 262 | 118 | 132 | 88.1 | 95.1 | 343 | 251 | 238 | 211 | 15 |
| 16 | 2418 | 2278 | 2278 | 226 | 118 | 125 | 88.3 | 102 | 340 | 255 | 238 | 2128 | 16 |
| 17 | 2418 | 2278 | 2278 | 208 | 118 | 118 | 87.8 | 103 | 340 | 257 | 237 | 2128 | 17 |
| 18 | 2418 | 2278 | 2278 | 198 | 120 | 114 | 90.3 | 103 | 340 | 255 | 240 | 2128 | 18 |
| 19 | 2418 | 2278 | 2278 | 187 | 130 | 112 | 91.5 | 101 | 337 | 257 | 238 | 2128 | 19 |
| 20 | 2418 | 2278 | 2278 | 200 | 189 | 106 | 93.7 | 101 | 337 | 258 | 236 | 2128 | 20 |
| 21 | 2418 | 2128 | 2418 | 208 | 292 | 99.7 | 103 | 102 | 340 | 247 | 235 | 2128 | 21 |
| 22 | 2418 | 2128 | 2418 | 203 | 343 | 96.3 | 154 | 103 | 340 | 239 | 233 | 2128 | 22 |
| 23 | 2418 | 2128 | 2698 | 197 | 411 | 93.7 | 178 | 103 | 348 | 229 | 237 | 2168 | 23 |
| 24 | 2418 | 2128 | 2838 | 187 | 476 | 92.3 | 223 | 102 | 351 | 229 | 240 | 2278 | 24 |
| 25 | 2418 | 2128 | 3118 | 198 | 487 | 90.9 | 300 | 101 | 348 | 232 | 241 | 1988 | 25 |
| 26 | 2418 | 2128 | 385 | 198 | 487 | 88.9A | 317 | 100 | 348 | 234 | 242 | 1588 | 26 |
| 27 | 2418 | 2128 | 398 | 195 | 433 | 88.9 | 292 | 104 | 343 | 238 | 242 | 1848 | 27 |
| 28 | 2418 | 2128 | 411 | 188 | 398 | 88.3 | 256 | 112 | 343 | 238 | 241 | 2128 | 28 |
| 29 | 2278 | | 411 | 172 | 382 | 86.7 | 223 | 167 | 340 | 236 | 239 | 2128 | 29 |
| 30 | 2278 | | 398 | 168 | 331 | 85.2 | 187 | 221 | 337 | 236 | 238 | 2128 | 30 |
| 31 | 2278 | | 379 | | 303 | | 178 | 289 | | 236 | | 2128 | 31 |
| TOTAL | 7 261 | 6 376 | 8 111 | 7 573 | 6 983 | 4 456.9 | 4 191.5 | 3 726.7 | 9 482 | 8 189 | 6 982 | 6 540 | TOTAL |
| MEAN | 234 | 228 | 262 | 252 | 225 | 149 | 135 | 120 | 316 | 264 | 233 | 211 | MEAN |
| MAX | 241 | 241 | 411 | 357 | 487 | 291 | 317 | 289 | 351 | 351 | 242 | 237 | MAX |
| MIN | 227 | 212 | 212 | 168 | 118 | 85.2 | 80.7 | 95.1 | 254 | 226 | 216 | 156 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 218
MAXIMUM DAILY, 487 ON MAY 25
MINIMUM DAILY, 80.7 ON JUL 2
MAXIMUM INSTANTANEOUS,
490 AT 02:00 CST ON MAY 25

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 04 N
LONG 93 54 47 W
DRAINAGE AREA, 80 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 627 000 | JUL | 362 000 |
| FEB | 551 000 | AUG | 322 000 |
| MAR | 701 000 | SEP | 819 000 |
| APR | 654 000 | OCT | 708 000 |
| MAY | 603 000 | NOV | 603 000 |
| JUN | 385 000 | DEC | 565 000 |

TOTAL DISCHARGE, 6 900 000 dam³

## RAISIN RIVER AT BLACK RIVER - STATION NO. 02MC027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 7.75 | --- | --- | --- | --- | --- | --- | --- | --- | 1 |
| 2 | --- | --- | --- | 5.00 | --- | --- | --- | --- | --- | --- | --- | --- | 2 |
| 3 | --- | --- | --- | 3.78 | --- | 0.388A | --- | --- | --- | --- | --- | --- | 3 |
| 4 | --- | --- | --- | 3.74 | --- | --- | --- | --- | --- | --- | --- | --- | 4 |
| 5 | --- | --- | --- | 5.40 | --- | --- | --- | --- | --- | --- | --- | --- | 5 |
| 6 | --- | --- | --- | 5.51 | --- | --- | --- | --- | --- | --- | --- | --- | 6 |
| 7 | --- | --- | --- | 4.47 | --- | --- | --- | --- | --- | --- | --- | --- | 7 |
| 8 | --- | --- | --- | 4.45 | --- | --- | --- | --- | --- | --- | --- | --- | 8 |
| 9 | --- | --- | --- | 3.68 | --- | --- | --- | --- | --- | --- | --- | --- | 9 |
| 10 | --- | --- | --- | 2.54 | --- | --- | --- | --- | --- | --- | --- | --- | 10 |
| 11 | --- | --- | --- | 1.82 | --- | --- | --- | --- | --- | --- | --- | --- | 11 |
| 12 | --- | --- | --- | 1.45 | --- | --- | --- | --- | --- | --- | --- | --- | 12 |
| 13 | --- | --- | --- | 1.20 | --- | --- | --- | --- | --- | --- | --- | --- | 13 |
| 14 | --- | --- | --- | 0.950 | --- | --- | --- | --- | --- | --- | --- | --- | 14 |
| 15 | --- | --- | --- | 0.840 | --- | --- | --- | --- | --- | --- | --- | --- | 15 |
| 16 | --- | --- | --- | 0.746 | --- | --- | --- | --- | --- | --- | --- | --- | 16 |
| 17 | --- | 0.328B | --- | 0.688 | --- | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | --- | --- | --- | 0.647 | --- | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | --- | --- | --- | 0.601 | --- | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | --- | --- | --- | 0.545 | --- | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | --- | --- | 2.118 | 0.491 | --- | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | --- | --- | 4.708 | 0.458 | --- | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | --- | --- | 10.78 | 0.482 | --- | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | --- | --- | 15.58 | 0.705 | --- | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | --- | --- | 21.4 | 0.886 | --- | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | --- | --- | 27.0 | 0.840 | --- | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | --- | --- | 25.8 | 0.678 | --- | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | --- | --- | 17.8 | 0.489 | --- | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | --- | | 11.7 | 0.541 | --- | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | --- | | 9.31 | 0.793 | --- | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | --- | | 8.89 | | --- | | --- | --- | | --- | | --- | 31 |
| TOTAL | --- | --- | --- | 61.524 | --- | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | 2.05 | --- | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | 7.75 | --- | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | --- | --- | --- | 0.458 | --- | --- | --- | --- | --- | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 27.0 ON MAR 26

MAXIMUM INSTANTANEOUS,
27.9 AT 23:21 EST ON MAR 26

REMARKS - SEASONAL OPERATION (FEB 15 - MAY 15)

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 04 52 N
LONG 74 52 07 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | --- |
| FEB | --- | AUG | --- |
| MAR | --- | SEP | --- |
| APR | 5 320 | OCT | --- |
| MAY | --- | NOV | --- |
| JUN | --- | DEC | --- |

## RAISIN RIVER NEAR WILLIAMSTOWN - STATION NO 02MC001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.25 | 1.28 B | 0.9208 | 28.2 | 3.38 | 1.97 | 0.583 | 1.30 A | 0.131 | 2.02 | 3.38 | 40.1 | 1 |
| 2 | 4.10 | 1.25 B | 0.9788 | 19.8 | 3.34 | 1.46 | 0.565 | 0.961A | 0.102 | 2.39 | 3.07 | 34.3 | 2 |
| 3 | 3.57 | 1.22 B | 0.8418 | 13.7 | 2.53 | 1.27 | 0.316 | 0.938A | 0.071 | 1.71 | 1.88 | 23.8 | 3 |
| 4 | 3.04 | 1.20 B | 0.9328 | 12.0 | 2.01 | 1.30 | 0.605 | 1.03 A | 0.054 | 1.24 | 1.83 | 15.5 | 4 |
| 5 | 2.93 | 1.18 B | 0.9208 | 15.3 | 1.78 | 1.48 | 0.865 | 1.07 A | 0.048 | 0.985 | 1.94 | 10.7 | 5 |
| 6 | 2.75 | 1.16 B | 0.9148 | 18.2 | 1.84 | 1.44 | 0.371 | 0.871A | 0.040 | 0.794 | 2.16 | 8.35 | 6 |
| 7 | 2.628 | 1.14 B | 0.9828 | 16.0 | 1.50 | 1.21 | 0.442 | 0.752A | 0.035 | 0.717 | 2.11 | 6.09 | 7 |
| 8 | 2.508 | 1.13 B | 1.60 B | 14.4 | 1.38 | 1.26 | 0.581 | 0.834A | 0.038 | 1.06 | 1.89 | 5.12 | 8 |
| 9 | 2.388 | 1.11 B | 3.20 B | 13.1 | 1.23 | 2.34 | 0.349A | 0.519A | 0.053 | 1.64 | 3.24 | 5.06 | 9 |
| 10 | 2.308 | 1.09 B | 4.45 B | 10.0 | 1.12 | 8.39 | 0.180A | 0.430A | 0.058 | 1.43 | 5.80 | 12.8 | 10 |
| 11 | 2.208 | 1.07 B | 5.85 B | 7.72 | 1.06 | 7.30 | 0.170A | 0.381A | 0.056 | 1.17 | 4.78 | 23.5 | 11 |
| 12 | 2.128 | 1.05 B | 5.08 B | 6.34 | 1.28 | 4.71 | 0.268A | 0.348A | 0.102 | 0.987 | 3.64 | 18.4 | 12 |
| 13 | 2.008 | 1.02 B | 5.43 B | 5.43 | 1.24 | 4.49 | 0.488A | 0.295A | 0.440 | 0.885 | 2.98 | 14.2 | 13 |
| 14 | 1.838 | 1.02 B | 4.80 B | 4.73 | 1.18 | 3.81 | 0.538A | 0.254A | 1.11 | 0.840 | 2.74 | 11.4 | 14 |
| 15 | 1.868 | 1.01 B | 4.40 B | 4.13 | 1.83 | 3.06 | 0.324A | 0.242A | 1.01 | 0.898 | 2.61 | 9.20 | 15 |
| 16 | 1.838 | 0.9868 | 3.95 B | 3.89 | 2.80 | 2.25 | 0.311A | 0.218A | 1.13 | 0.881 | 2.27 | 7.38 | 16 |
| 17 | 1.798 | 0.9828 | 3.81 B | 3.25 | 2.44 | 1.98 | 0.370A | 0.177A | 0.526 | 0.822 | 2.21 | 6.53 | 17 |
| 18 | 1.758 | 0.9788 | 3.33 B | 3.01 | 2.18 | 1.21 | 0.303A | 0.123 | 0.314 | 0.824 | 2.63 | 5.24 | 18 |
| 19 | 1.708 | 0.9728 | 3.05 B | 2.77 | 1.87 | 0.735 | 0.148A | 0.121 | 0.289 | 0.871 | 3.58 | 5.03 | 19 |
| 20 | 1.678 | 0.9688 | 3.22 B | 2.50 | 1.55 | 0.843 | 0.483A | 0.184 | 0.258 | 0.976 | 3.80 | 4.74 | 20 |
| 21 | 1.638 | 0.9808 | 3.46 B | 2.17 | 1.32 | 0.720 | 1.17 A | 0.206 | 0.261 | 0.809 | 3.08 | 7.07 | 21 |
| 22 | 1.598 | 0.9478 | 8.20 B | 1.89 | 1.28 | 0.632 | 1.24 A | 0.230 | 0.271 | 0.811 | 2.22 | 9.32 | 22 |
| 23 | 1.578 | 0.9408 | 25.0 B | 1.67 | 1.15 | 0.595 | 0.778A | 0.221 | 0.287 | 0.882 | 2.02 | 9.00 | 23 |
| 24 | 1.538 | 0.9348 | 42.5 B | 3.28 | 1.21 | 0.652 | 0.627A | 0.183 | 0.286 | 0.836 | 1.86 | 7.81 | 24 |
| 25 | 1.498 | 0.9308 | 56.8 B | 3.07 | 1.17 | 0.671 | 3.25 A | 0.175 | 0.272 | 1.53 | 1.93 | 8.50 | 25 |
| 26 | 1.478 | 0.9278 | 78.7 B | 2.52 | 1.08 | 0.285 | 8.15 A | 0.121 | 0.200 | 2.44 | 1.79 | 14.3 | 26 |
| 27 | 1.438 | 0.9238 | 80.0 | 2.02 | 0.974 | 0.610 | 15.1 A | 0.088 | 0.197 | 2.27 | 1.86 | 11.7 | 27 |
| 28 | 1.408 | 0.9218 | 68.4 | 1.81 | 1.25 | 0.481 | 8.72 A | 0.086 | 0.181 | 3.60 | 2.23 | 8.48 | 28 |
| 29 | 1.368 | | 50.0 | 1.86 | 2.25 | 0.433 | 4.44 A | 0.089 | 0.185 | 3.89 | 2.59 | 5.67 | 29 |
| 30 | 1.348 | | 36.4 | 2.74 | 2.83 | 0.311 | 2.78 A | 0.089 | 0.533 | 3.54 | 22.8 | 4.28 | 30 |
| 31 | 1.318 | | 31.9 | | 3.15 | | 1.88 A | 0.103 | | 3.80 | | 2.98 | 31 |
| TOTAL | 68.44 | 29.331 | 540.687 | 227.80 | 53.994 | 59.236 | 57.347 | 13.878 | 8.497 | 63.506 | 98.72 | 356.56 | TOTAL |
| MEAN | 2.11 | 1.05 | 17.4 | 7.59 | 1.74 | 1.97 | 1.85 | 0.409 | 0.283 | 1.40 | 3.29 | 11.5 | MEAN |
| MAX | 4.25 | 1.28 | 80.0 | 28.2 | 3.38 | 8.39 | 15.1 | 1.30 | 1.13 | 3.89 | 22.8 | 40.1 | MAX |
| MIN | 1.31 | 0.921 | 0.914 | 1.81 | 0.974 | 0.285 | 0.148 | 0.086 | 0.035 | 0.822 | 1.79 | 2.98 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.26
MAXIMUM DAILY, 80.0 ON MAR 27
MINIMUM DAILY, 0.035 ON SEP 7
MAXIMUM INSTANTANEOUS,
86.7 AT 00:01 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 09 19 N
LONG 74 36 18 W
DRAINAGE AREA, 806 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 550 | JUL | 4 980 |
| FEB | 2 530 | AUG | 1 100 |
| MAR | 48 700 | SEP | 734 |
| APR | 19 700 | OCT | 3 780 |
| MAY | 4 670 | NOV | 8 530 |
| JUN | 5 120 | DEC | 30 800 |

TOTAL DISCHARGE, 134 000 dam³

REMARKS - DRAINAGE AREA AND FLOWS ARE REFERRED TO CONTROL AT LAT 45 09 10 LONG 74 37 31

## RAWDON CREEK NEAR WEST HUNTINGDON - STATION NO 02MK008

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.24 | 0.7788 | 0.6008 | 8.16 | 1.09 | 0.482 | 0.229 | 0.083E | 0.177 | 0.235E | 0.183E | 1.94 | 1 |
| 2 | 1.17 | 0.7688 | 1.17 B | 8.00 | 0.959 | 0.467 | 0.210 | 0.133 | 0.097 | 0.238 | 0.198E | 1.75 | 2 |
| 3 | 1.09 B | 0.7638 | 1.29 B | 7.31 | 0.881 | 0.506 | 0.219 | 0.195 | 0.067 | 0.275 | 0.198E | 1.53 | 3 |
| 4 | 1.07 B | 0.7308 | 1.10 B | 7.19 | 0.824 | 0.513 | 0.225 | 0.151 | 0.056 | 0.246 | 0.312 | 1.38 | 4 |
| 5 | 1.06 B | 0.7208 | 0.8508 | 9.27 | 0.788 | 0.478 | 0.202 | 0.114 | 0.054 | 0.210 | 0.287 | 1.26 | 5 |
| 6 | 1.04 B | 0.6908 | 0.8608 | 8.98 | 0.759 | 0.462 | 0.188E | 0.105 | 0.051 | 0.208 | 0.241 | 1.14 | 6 |
| 7 | 1.00 B | 0.6788 | 1.04 B | 7.76 | 0.736E | 0.495 | 0.158 | 0.085 | 0.042 | 0.410 | 0.201 | 1.02 B | 7 |
| 8 | 0.9768 | 0.6708 | 1.68 B | 6.42 | 0.721E | 0.716 | 0.158 | 0.081 | 0.085 | 0.528 | 0.384 | 0.9588 | 8 |
| 9 | 0.9488 | 0.6188 | 2.22 B | 5.38 | 0.712E | 0.642 | 0.143 | 0.074 | 0.210 | 0.395 | 0.643 | 1.01 | 9 |
| 10 | 0.939 | 0.6908 | 2.26 B | 4.80 | 0.688E | 0.572 | 0.120 | 0.122 | 0.136 | 0.329 | 0.851 | 1.31 | 10 |
| 11 | 0.933 | 0.6708 | 1.82 B | 3.84 | 0.656 | 0.517 | 0.116 | 0.106 | 0.081 | 0.311 | 0.483 | 1.27 | 11 |
| 12 | 0.925 | 0.6588 | 1.40 B | 3.36 | 0.627 | 0.538 | 0.098 | 0.082 | 0.062 | 0.277E | 0.463 | 1.26 | 12 |
| 13 | 0.902 | 0.6408 | 1.30 B | 2.92 | 0.618 | 0.563 | 0.103 | 0.072 | 0.103 | 0.244E | 0.456 | 1.30 | 13 |
| 14 | 0.897 | 0.6308 | 1.24 B | 2.50 | 0.613 | 0.533 | 0.174 | 0.054 | 0.105 | 0.208E | 0.453 | 1.25 | 14 |
| 15 | 0.8048 | 0.6208 | 1.19 B | 2.47 | 0.654 | 0.476 | 0.237 | 0.044 | 0.085 | 0.168 | 0.431 | 1.15 B | 15 |
| 16 | 0.8908 | 0.6108 | 1.14 B | 2.18 | 0.806 | 0.432 | 0.153 | 0.045 | 0.058 | 0.118E | 0.387 | 1.25 B | 16 |
| 17 | 0.8858 | 0.6008 | 1.12 B | 1.89 | 0.953 | 0.387 | 0.127 | 0.028 | 0.048 | 0.118E | 0.301 | 1.26 B | 17 |
| 18 | 0.8928 | 0.5988 | 1.36 B | 1.80 | 0.838 | 0.353 | 0.118 | 0.037 | 0.063 | 0.130E | 0.601 | 1.19 B | 18 |
| 19 | 0.8608 | 0.5868 | 1.78 | 1.38 | 0.715 | 0.322 | 0.123 | 0.025 | 0.100 | 0.128E | 0.554 | 1.16 B | 19 |
| 20 | 0.8708 | 0.5708 | 1.86 | 1.28 | 0.497 | 0.295 | 0.117 | 0.022 | 0.245 | 0.101 | 0.522 | 1.26 B | 20 |
| 21 | 0.8658 | 0.5808 | 1.86 | 1.17 | 0.481 | 0.280 | 0.113 | 0.017 | 0.384 | 0.120 | 0.417 | 1.75 | 21 |
| 22 | 0.8808 | 0.5408 | 2.58 | 1.01 | 0.519 | 0.251 | 0.087 | 0.032 | 0.167 | 0.138 | 0.381 | 1.57 | 22 |
| 23 | 0.8588 | 0.5308 | 3.37 | 0.972 | 0.580 | 0.258 | 0.087 | 0.038E | 0.168 | 0.266 | 0.378 | 1.48 | 23 |
| 24 | 0.8508 | 0.5188 | 3.70 | 0.988 | 0.640 | 0.235 | 0.081 | 0.042 | 0.138 | 0.310 | 0.448 | 1.40 | 24 |
| 25 | 0.8458 | 0.5008 | 3.79 | 0.914 | 0.522 | 0.204 | 0.086 | 0.045 | 0.109E | 0.292 | 0.476 | 1.88 | 25 |
| 26 | 0.8388 | 0.4988 | 4.20 | 0.826 | 0.514 | 0.330 | 0.078 | 0.048 | 0.083E | 0.261 | 0.584 | 2.11 B | 26 |
| 27 | 0.8258 | 0.4908 | 4.20 | 0.779 | 0.575 | 0.413 | 0.068 | 0.040 | 0.083E | 0.248 | 0.627 | 1.86 B | 27 |
| 28 | 0.8188 | 0.4858 | 3.96 | 1.83 | 0.801 | 0.387 | 0.083 | 0.033 | 0.083E | 0.244E | 0.584 | 1.37 B | 28 |
| 29 | 0.8058 | | 3.64 | 1.60 | 0.598 | 0.316 | 0.085E | 0.048 | 0.118E | 0.180 | 0.987 | 1.26 B | 29 |
| 30 | 0.8008 | | 3.85 | 1.23 | 0.530 | 0.268 | 0.068E | 0.081 | 0.232E | 0.154 | 2.01 | 1.16 B | 30 |
| 31 | 0.7908 | | 7.00 | | 0.493 | | 0.078E | 0.132 | | 0.178E | | 1.06 B | 31 |
| TOTAL | 28.680 | 17.984 | 88.630 | 107.497 | 19.970 | 12.873 | 4.068 | 2.188 | 3.524 | 7.247 | 14.718 | 42.348 | TOTAL |
| MEAN | 0.925 | 0.628 | 2.25 | 3.58 | 0.644 | 0.422 | 0.131 | 0.071 | 0.117 | 0.234 | 0.481 | 1.37 | MEAN |
| MAX | 1.24 | 0.815 | 7.00 | 9.27 | 1.09 | 0.716 | 0.237 | 0.195 | 0.384 | 0.528 | 2.01 | 2.11 | MAX |
| MIN | 0.780 | 0.485 | 0.800 | 0.779 | 0.481 | 0.204 | 0.063 | 0.017 | 0.042 | 0.101 | 0.183 | 0.958 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.904
MAXIMUM DAILY, 9.27 ON APR 5
MINIMUM DAILY, 0.017 ON AUG 21
MAXIMUM INSTANTANEOUS
9.62 AT 00:16 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 18 N
LONG 77 26 39 W
DRAINAGE AREA 86.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 480 | JUL | 352 |
| FEB | 1 620 | AUG | 190 |
| MAR | 6 030 | SEP | 304 |
| APR | 9 280 | OCT | 626 |
| MAY | 1 730 | NOV | 1 270 |
| JUN | 1 090 | DEC | 3 680 |

TOTAL DISCHARGE, 28 500 dam³

## REDHILL CREEK AT HAMILTON - STATION NO. 02HA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.279 | 0.120B | 7.24 | 1.88 | 0.179 | 0.079 | 0.152 | [illegible] | 0.188 | 0.090 | 0.088B | 0.796 | 1 |
| 2 | 0.260B | 0.130B | 4.94 | 2.82 | 0.199 | 0.075 | 0.40 | 4.5 | 0.189 | 0.250 | 0.089B | 0.976 | 2 |
| 3 | 0.310B | 0.280B | 1.63 | 2.94 | 0.190 | 0.21 | 0.176 | 0.59 | 0.096 | 0.170 | 0.098 | 0.420B | 3 |
| 4 | 0.270B | 0.250B | 0.989 | 5.9 | 0.188 | 0.072 | [illegible] 63 | 0.251 | 0.082 | 0.100 | 0.078 | 0.388B | 4 |
| 5 | 0.245B | 0.210B | 0.955 | 16.0 | 0.158 | 0.074 | 0.25 | 0.20 | 0.188 | 0.065 | 0.090 | 0.302 | 5 |
| 6 | 0.220B | 0.240B | 2.13 | 10.9 | 0.147 | 0.066 | 0.257 | [illegible] 66 | 0.102 | 0.127 | 0.076 | 0.302 | 6 |
| 7 | 0.210B | 0.230B | 2.74 | 4.39 | 0.133 | 0.062 | 0.168 | [illegible] 3 | 0.107 | 0.99 | 0.074 | 0.270 | 7 |
| 8 | 0.200B | 0.220B | 2.65 | 1.64 | 0.133 | 0.210 | 0.962 | 0.320 | 0.807 | [illegible] | 0.150 | 0.272 | 8 |
| 9 | 0.185B | 0.210B | 1.51 | 1.10 | 0.151 | 0.064 | 0.448 | 8.94 | 0.172 | 0.12 | 0.299 | [illegible] | 9 |
| 10 | 0.175B | 0.205B | 0.717 | 1.04 | 0.158 | 0.052 | 0.379 | [illegible] 25 E | 0.114 | 0.078 | 0.083 | 0.862 | 10 |
| 11 | 0.185B | 0.200B | 0.552 | 1.11 | 0.170 | 0.055 | 0.181 | 0.503E | 0.141 | 0.088 | 0.082 | 0.380 | 11 |
| 12 | 0.180B | 0.185B | 0.460 | 2.88 | 0.181 | 0.181 | 0.156 | 0.318E | 0.090 | 0.089 | 0.078 | 0.835 | 12 |
| 13 | 0.155B | 0.175B | 0.411 | 1.88 | 0.157 | 0.431 | 0.339 | 0.235E | 0.086 | 0.085 | 0.082 | 0.409 | 13 |
| 14 | 0.350B | 0.170B | 0.388 | 0.940 | 0.981 | 0.076 | 1.83 | 0.192E | 0.083 | 0.054 | 0.106 | 0.313 | 14 |
| 15 | 1.60 B | 0.165B | 0.337 | 0.768 | 0.248 | 0.085 | 0.287 | 0.149E | 0.085 | 0.059 | 0.086 | 4.86 | 15 |
| 16 | 0.800B | 0.160B | 0.295 | 0.799 | 0.088 | 0.083 | 0.167 | 0.150E | 0.089 | 0.058 | 0.084 | 2.21 | 16 |
| 17 | 0.500B | 0.158B | 0.272 | 0.575 | 0.089 | 0.086 | 0.138 | 0.101E | 0.901 | 0.231 | 0.177 | 0.879 | 17 |
| 18 | 0.440B | 0.155B | 0.247 | 0.492 | 0.481 | 0.088 | 0.104 | 0.143E | 1.32 | 0.082 | 0.173 | 0.577 | 18 |
| 19 | 0.360B | 0.152B | 0.289 | 0.382 | 0.144 | 0.066 | 0.724 | 0.111E | 0.410 | 0.080 | 0.105 | 0.515 | 19 |
| 20 | 0.320B | 0.140B | 0.234 | 0.383 | 0.129 | 0.056 | 8.43 E | 0.099E | 0.283 | 0.084 | 0.120 | 4.84 | 20 |
| 21 | 0.270B | 0.138B | 0.236 | 0.331 | 0.088 | 0.084 | 0.370E | 0.084E | 1.73 | 0.376 | 0.100 | 1.44 | 21 |
| 22 | 0.240B | 0.135B | 0.260 | 0.292 | 0.349 | 10.1 | 0.269 | 0.118E | 0.979 | 0.265 | 0.119 | 0.828 | 22 |
| 23 | 0.220B | 0.130B | 0.251 | 0.349 | 0.103 | 0.808 | 0.215 | 0.081E | 0.504 | 0.367 | 0.128 | 0.846 | 23 |
| 24 | 0.210B | 0.128B | 0.229 | 0.284 | 0.078 | 0.274 | 0.281 | 0.077E | 0.331 | 0.773 | 0.123 | 0.527 | 24 |
| 25 | 0.200B | 0.125B | 0.675 | 0.252 | 0.087 | 0.208 | 0.462 | 0.073E | 0.282 | 0.384 | 5.77 | 0.830 | 25 |
| 26 | 0.185B | 0.122B | 0.565 | 0.237 | 0.104 | 3.89 | 1.49 | 0.088E | 0.219 | 0.170 | 1.89 | 0.430 | 26 |
| 27 | 0.170B | 0.128B | 0.284 | 0.401 | 0.076 | 0.632 | 0.210 | 0.410E | 0.168 | 0.585 | 0.596 | 0.338 | 27 |
| 28 | 0.165B | 0.400B | 0.283 | 0.241 | 0.087 | 0.504 | 0.164 | 0.185 | 0.089 | 0.230 | 0.394 | 0.300 | 28 |
| 29 | 0.145B | | 0.286 | 0.198 | 0.091 | 0.245 | 0.133 | 0.277 | 0.317 | 0.171 | 3.89 | 0.182B | 29 |
| 30 | 0.135B | | 1.73 | 0.188 | 0.147 | 0.182 | 0.637 | 0.136 | 0.206 | 0.142E | 1.40 | 0.149B | 30 |
| 31 | 0.130B | | 1.82 | | 0.085 | | 0.163 | 0.428 | | 0.125E | | 0.234B | 31 |
| TOTAL | 9.484 | 5.081 | 36.545 | 60.970 | 5.529 | 19.150 | 19.521 | 21.533 | 10.028 | 6.159 | 16.519 | 26.793 | TOTAL |
| MEAN | 0.306 | 0.181 | 1.18 | 2.03 | 0.178 | 0.639 | 0.630 | 0.694 | 0.334 | 0.199 | 0.551 | 0.864 | MEAN |
| MAX | 1.60 | 0.400 | 7.24 | 16.0 | 0.981 | 10.1 | 8.43 | 8.94 | 1.73 | 0.773 | 5.77 | 4.85 | MAX |
| MIN | 0.130 | 0.120 | 0.229 | 0.188 | 0.067 | 0.052 | 0.104 | 0.073 | 0.083 | 0.054 | 0.084 | 0.149 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.550
MAXIMUM DAILY, 16.0 ON APR 5
MINIMUM DAILY, 0.052 ON JUN 10
MAXIMUM INSTANTANEOUS
53.5 AT 13:02 EST ON AUG 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 56 N
LONG 79 47 06 W
DRAINAGE AREA, 60.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 819 | JUL | 1 690 |
| FEB | 437 | AUG | 1 860 |
| MAR | 3 160 | SEP | 866 |
| APR | 5 270 | OCT | 532 |
| MAY | 478 | NOV | 1 430 |
| JUN | 1 660 | DEC | 2 310 |

TOTAL DISCHARGE, 20 500 dam³

## REESOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.420 | 0.130B | 2.20 B | 0.755B | 0.261 | 0.340 | 0.175 | 0.084 | 0.136 | 0.181 | 0.201 | 0.605 | 1 |
| 2 | 0.402 | 0.200B | 5.20 B | 0.836 | 0.205 | 0.278 | 0.184 | 0.486 | 0.119 | 0.164 | 0.205 | 0.414 | 2 |
| 3 | 0.365 | 0.330B | 3.50 B | 1.13 | 0.199 | 0.235 | 0.176 | 0.256 | 0.106 | 0.169 | 0.364 | 0.350 | 3 |
| 4 | 0.330B | 0.145B | 2.50 B | 2.22 | 0.186 | 0.209 | 0.188 | 0.156 | 0.101 | 0.154 | 0.269 | 0.345 | 4 |
| 5 | 0.305B | 0.130B | 1.88 B | 4.11 | 0.172 | 0.225 | 0.165 | 0.114 | 0.135 | 0.162 | 0.242 | 0.319 | 5 |
| 6 | 0.278 | 0.165B | 2.10 B | 1.89 | 0.166 | 0.220 | 0.157 | 0.086 | 0.101 | 0.185 | 0.225 | 0.272B | 6 |
| 7 | 0.286 | 0.300B | 2.30 B | 1.01 | 0.152 | 0.266 | 0.198 | 0.108 | 0.107 | 0.211 | 0.272 | 0.275B | 7 |
| 8 | 0.297B | 0.135B | 3.10 B | 0.671 | 0.154 | 0.288 | 0.270 | 0.105 | 0.145 | 0.233 | 0.552 | 0.284 | 8 |
| 9 | 0.231 | 0.128B | 1.70 B | 0.555 | 0.149 | 0.233 | 0.309 | 0.327 | 0.143 | 0.193 | 0.828 | 0.543 | 9 |
| 10 | 0.242 | 0.125B | 1.00 B | 0.506 | 0.146 | 0.212 | 0.257 | 0.214 | 0.122 | 0.190 | 0.400B | 0.515 | 10 |
| 11 | 0.245 | 0.124B | 0.800B | 0.482 | 0.175 | 0.184 | 0.200 | 0.147 | 0.107 | 0.173 | 0.341B | 0.412 | 11 |
| 12 | 0.250 | 0.123B | 0.515B | 0.581 | 0.150 | 0.266 | 0.171 | 0.123 | 0.126 | 0.180 | 0.330 | 0.435 | 12 |
| 13 | 0.251 | 0.121B | 0.470B | 0.656 | 0.128 | 0.219 | 0.245 | 0.100 | 0.127 | 0.174 | 0.322 | 0.419 | 13 |
| 14 | 0.259 | 0.120B | 0.450B | 0.512 | 0.188 | 0.202 | 0.587 | 0.101 | 0.128 | 0.182 | 0.304 | 0.381 | 14 |
| 15 | 0.355 | 0.118B | 0.443B | 0.617 | 0.228 | 0.171 | 0.386 | 0.112 | 0.101 | 0.159 | 0.242 | 0.376 | 15 |
| 16 | 0.280B | 0.118B | 0.440B | 0.464 | 0.166 | 0.160 | 0.248 | 0.113 | 0.105 | 0.148 | 0.206 | 0.411 | 16 |
| 17 | 0.215B | 0.117B | 0.455B | 0.431 | 0.151 | 0.134 | 0.209 | 0.125 | 0.131 | 0.255 | 0.235 | 0.384B | 17 |
| 18 | 0.190B | 0.117B | 0.500B | 0.386 | 0.136 | 0.133 | 0.171 | 0.108 | 0.255 | 0.221 | 0.335 | 0.341B | 18 |
| 19 | 0.175B | 0.117B | 0.798 | 0.372 | 0.126 | 0.142 | 0.151 | 0.084 | 0.220 | 0.194 | 0.263 | 0.326 | 19 |
| 20 | 0.166B | 0.116B | 0.915 | 0.343 | 0.122 | 0.142 | 0.281 | 0.071 | 0.350 | 0.176 | 0.248B | 0.984 | 20 |
| 21 | 0.160B | 0.118B | 0.906 | 0.306 | 0.156 | 0.128 | 0.172 | 0.085 | 0.452 | 0.174 | 0.154B | 1.17 | 21 |
| 22 | 0.155B | 0.118B | 0.998 | 0.282 | 0.183 | 0.533 | 0.136 | 0.088 | 0.284 | 0.165 | 0.188B | 0.696 | 22 |
| 23 | 0.150B | 0.116B | 1.04 | 0.271 | 0.184 | 0.333 | 0.128 | 0.072 | 0.205 | 0.335 | 0.218B | 0.431 | 23 |
| 24 | 0.147B | 0.115B | 0.889 | 0.279 | 0.173 | 0.246 | 0.132 | 0.067 | 0.177 | 0.331 | 0.230 | 0.395 | 24 |
| 25 | 0.143B | 0.115B | 0.861 | 0.258 | 0.180 | 0.201 | 0.130 | 0.073 | 0.182 | 0.345 | 0.324 | 1.30 | 25 |
| 26 | 0.140B | 0.115B | 1.04 | 0.247 | 0.186 | 0.256 | 0.118 | 0.071 | 0.184 | 0.247 | 0.629 | 0.661B | 26 |
| 27 | 0.137B | 0.160B | 0.719 | 0.269 | 1.19 | 0.336 | 0.078 | 0.078 | 0.161 | 0.342 | 0.338 | 0.356B | 27 |
| 28 | 0.135B | 0.400B | 0.642 | 0.324 | 1.67 | 0.258 | 0.071 | 0.094 | 0.204 | 0.279 | 0.349 | 0.291B | 28 |
| 29 | 0.133B | | 0.579 | 0.293 | 0.683 | 0.218 | 0.068 | 0.181 | 0.183 | 0.240 | 1.72 | 0.272B | 29 |
| 30 | 0.132B | | 0.867 | 0.294 | 0.728 | 0.204 | 0.115 | 0.104 | 0.187 | 0.223 | 1.08 | 0.250B | 30 |
| 31 | 0.132B | | 1.04 B | | 0.649 | | 0.076 | 0.180 | | 0.219 | | 0.238B | 31 |
| TOTAL | 7.118 | 4.223 | 40.749 | 21.342 | 9.360 | 6.970 | 5.926 | 4.072 | 5.004 | 6.564 | 11.432 | 14.362 | TOTAL |
| MEAN | 0.230 | 0.151 | 1.31 | 0.711 | 0.302 | 0.232 | 0.191 | 0.131 | 0.167 | 0.212 | 0.381 | 0.463 | MEAN |
| MAX | 0.420 | 0.400 | 5.20 | 4.11 | 1.67 | 0.533 | 0.587 | 0.486 | 0.452 | 0.345 | 1.72 | 1.30 | MAX |
| MIN | 0.132 | 0.115 | 0.440 | 0.247 | 0.122 | 0.128 | 0.068 | 0.064 | 0.101 | 0.148 | 0.154 | 0.238 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.376
MAXIMUM DAILY 5.20B ON MAR 2
MINIMUM DAILY 0.064 ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 56 07 N
LONG 79 12 03 W
DRAINAGE AREA, 38.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 615 | JUL | 512 |
| FEB | 365 | AUG | 352 |
| MAR | 3 520 | SEP | 432 |
| APR | 1 840 | OCT | 567 |
| MAY | 808 | NOV | 988 |
| JUN | 602 | DEC | 1 240 |

TOTAL DISCHARGE 11 800 dam³

## RIDEAU RIVER ABOVE SMITHS FALLS - STATION NO 02LA005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 34.3 | 9.90 | 18.5 | 4.37 | --- | --- | --- | --- | --- | --- | 7.58E | 17.2 | 1 |
| 2 | 33.5 | 9.72 | 18.6 | 4.64 | --- | --- | --- | --- | --- | --- | 7.64E | 24.7 | 2 |
| 3 | 32.7 | 9.89 | 18.5 | 5.61 | --- | --- | --- | --- | --- | --- | 7.70E | 31.1 | 3 |
| 4 | 31.7 | 11.9 | 18.5 | 7.95 | --- | --- | --- | --- | --- | --- | 7.82E | 33.7 | 4 |
| 5 | 18.9 | 13.5 | 18.2 | 9.44 | --- | --- | --- | --- | --- | --- | 7.78E | 35.4 | 5 |
| 6 | 10.6 | 13.3 | 14.7 | 22.9 | --- | --- | --- | --- | --- | --- | 7.78E | 35.0 | 6 |
| 7 | 10.9 | 13.3 | 13.0 | 35.4 | --- | --- | --- | --- | --- | --- | 7.58E | 37.0 | 7 |
| 8 | 14.2 | 13.4 | 13.2 | 47.9 | --- | --- | --- | --- | --- | --- | 7.83E | 40.0 | 8 |
| 9 | 18.5 | 13.8 | 11.5 | 54.2 | --- | --- | --- | --- | --- | --- | 7.84E | 40.9 | 9 |
| 10 | 18.7 | 13.4 | 11.0 | 53.1 | --- | --- | --- | --- | --- | --- | 7.81E | 40.7 | 10 |
| 11 | 18.3 | 13.5 | 10.6 | 51.4 | --- | --- | --- | --- | --- | --- | 7.88 | 39.6 | 11 |
| 12 | 20.0 | 13.7 | 10.6 | 48.8 | --- | --- | --- | --- | --- | --- | 7.89 | 39.1 | 12 |
| 13 | 21.9 | 13.7 | 10.6 | 46.4 | --- | --- | --- | --- | --- | --- | 7.72 | 39.0 | 13 |
| 14 | 23.1 | 13.7 | 10.7 | 37.5 | --- | --- | --- | --- | --- | --- | 7.89 | 38.2 | 14 |
| 15 | 21.6 | 13.6 | 10.7 | 30.1 | --- | --- | --- | --- | --- | --- | 7.83 | 37.5 | 15 |
| 16 | 21.4 | 13.5 | 10.6 | 29.6 | --- | --- | --- | --- | --- | --- | 7.71 | 38.0 | 16 |
| 17 | 21.6 | 13.5 | 10.5 | 29.4 | --- | --- | --- | --- | --- | --- | 7.77 | 38.1 | 17 |
| 18 | 21.4 | 13.6 | 10.7 | 24.5 | --- | --- | --- | --- | --- | --- | 8.78 | 37.6 | 18 |
| 19 | 21.3 | 13.6 | 7.87 | 20.5 | --- | --- | --- | --- | --- | 7.47A | 10.5 | 36.4 | 19 |
| 20 | 21.4 | 7.85 | 5.54 | 15.8 | --- | --- | --- | --- | --- | 7.28E | 10.1 | 35.7 | 20 |
| 21 | 18.6 | 4.98 | 5.69 | 15.9 | --- | --- | --- | --- | --- | 7.28E | 9.04 | 36.0 | 21 |
| 22 | 17.4 | 4.76 | 5.66 | 15.5 | --- | --- | --- | --- | --- | 7.22E | 8.85 | 31.3 | 22 |
| 23 | 17.8 | 5.23 | 5.92E | 16.2 | --- | --- | --- | --- | --- | 7.46E | 9.85 | 24.9 | 23 |
| 24 | 17.4 | 5.79 | 6.02E | 15.7 | --- | --- | --- | --- | --- | 7.40E | 11.1 | 24.8 | 24 |
| 25 | 17.6 | 5.94 | 6.16 | 15.9 | --- | --- | --- | --- | --- | 7.52E | 11.8 | 24.8 | 25 |
| 26 | 17.4 | 6.05 | 6.48 | 15.7 | --- | --- | --- | --- | --- | 7.46E | 11.6 | 24.7 | 26 |
| 27 | 17.2 | 13.9 | 8.11 | 16.4 | --- | --- | --- | --- | --- | 7.52E | 12.3 | 24.8 | 27 |
| 28 | 17.0 | 18.8 | 4.18 | 16.2 | --- | --- | --- | --- | --- | 7.52E | 13.3 | 24.0E | 28 |
| 29 | 17.0 | | 4.21 | 15.1 | --- | --- | --- | --- | --- | 7.40E | 13.8 | 21.4 | 29 |
| 30 | 12.4 | | 4.16 | 15.1 | --- | --- | --- | --- | --- | 7.48E | 15.0 | 20.3E | 30 |
| 31 | 8.77 | | 4.13 | | --- | --- | --- | --- | --- | 7.58E | | 17.8 | 31 |
| TOTAL | 614.97 | 316.84 | 312.03 | 726.41 | --- | --- | --- | --- | --- | --- | 276.88 | 990.4 | TOTAL |
| MEAN | 19.8 | 11.3 | 10.1 | 24.2 | --- | --- | --- | --- | --- | --- | 9.23 | 31.9 | MEAN |
| MAX | 34.3 | 18.8 | 18.6 | 54.2 | --- | --- | --- | --- | --- | --- | 15.0 | 40.9 | MAX |
| MIN | 8.77 | 4.76 | 4.13 | 4.37 | --- | --- | --- | --- | --- | --- | 7.58 | 17.2 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 54.2 ON APR 9

MAXIMUM INSTANTANEOUS,
54.9 AT 22 30 EST ON APR 8

REMARKS - SEASONAL OPERATION (OCT-MAY APPROX.)

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 53 28 N
LONG 76 03 45 W
DRAINAGE AREA, 1 280 km²
A - MANUAL GAUGE
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 53 100 | JUL | --- |
| FEB | 27 400 | AUG | --- |
| MAR | 27 000 | SEP | --- |
| APR | 62 700 | OCT | --- |
| MAY | --- | NOV | 23 900 |
| JUN | --- | DEC | 85 500 |

## RIDEAU RIVER AT OTTAWA - STATION NO 02LA004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 76.9 | 33.5B | 18.1 | 207 | 33.6 | 17.4 | 12.5 | 18.0 | 5.61 | 24.2 | 30.2 | 130 | 1 |
| 2 | 75.9 | 27.0B | 40.2 | 171 | 35.3 | 17.9 | 12.3 | 14.2 | 5.43 | 28.6 | 53.6 | 145 | 2 |
| 3 | 75.4 | 37.5B | 31.5 | 150 | 32.8 | 21.6 | 12.8 | 14.3 | 5.36 | 21.8 | 53.3 | 145 | 3 |
| 4 | 74.3 | 26.4B | 29.4 | 147 | 31.9 | 22.5 | 13.2 | 14.9 | 5.71 | 19.7 | 34.8 | 141 | 4 |
| 5 | 64.2 | 22.0B | 31.9 | 232 | 22.3 | 31.3 | 13.0 | 13.8 | 8.82 | 24.3 | 36.4 | 134 | 5 |
| 6 | 49.9 | 22.5B | 33.0A | 240 | 18.8 | 55.0 | 12.9 | 13.7 | 8.10 | 27.9 | 35.8 | 128 | 6 |
| 7 | 36.8 | 24.1B | 36.4A | 217 | 12.7 | 67.3 | 12.7 | 13.5 | 8.00 | 34.3 | 36.2 | 118 | 7 |
| 8 | 37.5 | 24.0B | 36.4A | 197 | 11.1 | 70.5 | 12.3 | 11.2 | 8.84 | 30.4 | 34.5 | 101 | 8 |
| 9 | 34.2 | 23.0B | 54.0A | 181 | 9.21 | 57.2 | 11.9 | 11.5 | 11.8 | 28.5 | 35.0 | 88.5 | 9 |
| 10 | 33.1 | 21.8B | 82.1A | 166 | 8.19 | 33.9 | 11.7 | 10.2 | 11.2 | 26.0 | 41.2 | 121 | 10 |
| 11 | 33.3 | 21.1B | 47.1 | 160 | 8.39 | 47.2 | 11.8 | 9.08 | 10.7 | 25.2 | 42.2 | 146 | 11 |
| 12 | 33.4 | 20.0B | 45.4 | 152 | 10.0 | 83.5 | 13.0 | 8.72 | 15.7 | 25.0 | 41.3 | 151 | 12 |
| 13 | 33.9 | 20.0B | 39.3A | 131 | 12.9 | 84.3 | 14.0 | 8.09 | 20.5 | 27.7 | 39.4 | 148 | 13 |
| 14 | 35.8B | 20.0B | 29.1A | 111 | 17.2 | 88.0 | 17.2 | 8.30 | 23.2 | 17.0 | 37.5 | 140 | 14 |
| 15 | 37.0 | 20.0B | 30.8A | 87.8 | 21.4 | 46.8 | 23.3 | 7.53 | 21.2 | 13.7 | 35.8 | 131 | 15 |
| 16 | 40.0B | 20.1B | 43.0A | 87.1 | 23.7 | 37.4 | 25.8 | 7.92 | 21.0 | 12.3 | 35.8 | 119 | 16 |
| 17 | 41.0B | 21.3B | 40.5A | 87.6 | 25.8 | 34.1 | 24.5 | 7.95 | 13.9 | 12.4 | 35.5 | 100 | 17 |
| 18 | 42.2B | 21.6B | 39.5A | 86.4 | 23.6 | 25.7 | 21.0 | 7.88 | 11.0 | 23.5 | 34.8 | 87.1 | 18 |
| 19 | 43.2B | 21.4B | 33.6A | 83.6 | 19.0 | 20.3 | 19.4 | 7.43 | 10.5 | 23.7 | 32.3 | 87.6 | 19 |
| 20 | 43.7B | 21.7B | 42.1A | 56.4 | 18.8 | 18.5 | 24.9 | 7.41 | 14.9 | 16.8 | 34.5 | 94.6 | 20 |
| 21 | 43.8B | 21.1B | 46.1A | 51.8 | 18.0 | 17.8 | 27.1 | 8.92 | 18.0 | 14.1 | 35.5 | 89.4 | 21 |
| 22 | 43.5B | 20.0B | 59.7A | 42.4 | 16.3 | 17.7 | 28.3 | 7.11 | 15.4 | 11.0 | 32.5 | 91.0 | 22 |
| 23 | 43.8B | 18.9B | 132 A | 32.7 | 17.8 | 17.4 | 25.6 | 7.18 | 14.7 | 12.4 | 30.2 | 88.9 | 23 |
| 24 | 43.4B | 18.5B | 228 A | 30.1 | 18.3 | 17.3 | 23.7 | 8.87 | 14.4 | 11.9 | 25.8 | 91.4 | 24 |
| 25 | 43.4B | 18.0B | 286 A | 23.7 | 15.8 | 16.5 | 36.7 | 6.28 | 13.9 | 13.4 | 27.4 | 87.1 | 25 |
| 26 | 41.9B | 17.8B | 334 A | 25.3 | 15.6 | 17.1 | 46.1 | 6.16 | 14.1 | 12.2 | 28.0 | 95.1 | 26 |
| 27 | 36.2B | 17.7B | 317 A | 17.1 | 16.7 | 17.4 | 36.9 | 3.65 | 14.1 | 17.0 | 35.9 | 95.8 | 27 |
| 28 | 36.2B | 17.5B | 288 | 13.6 | 15.8 | 18.2 | 30.6 | 3.39 | 14.1 | 20.7 | 37.4 | 94.0B | 28 |
| 29 | 30.5B | | 257 | 16.6 | 17.0 | 17.8 | 27.7 | 5.80 | 17.3 | 18.7 | 40.7 | 88.0B | 29 |
| 30 | 25.8B | | 207 | 23.1 | 18.6 | 18.5 | 25.0 | 6.93 | 24.2 | 21.5 | 44.1 | 74.0B | 30 |
| 31 | 21.0B | | 213 | | 18.3 | | 22.7 | 5.95 | | 24.8 | | 66.0B | 31 |
| TOTAL | 1 383.9 | 598.9 | 3 132.4 | 3 151.3 | 580.59 | 982.0 | 658.8 | 279.56 | 402.57 | 649.7 | 1 124.8 | 3 422.6 | TOTAL |
| MEAN | 43.7 | 21.4 | 101 | 105 | 18.7 | 32.7 | 21.3 | 9.02 | 13.4 | 21.0 | 37.5 | 110 | MEAN |
| MAX | 76.9 | 37.5 | 334 | 240 | 35.3 | 70.5 | 46.1 | 18.0 | 24.2 | 34.3 | 88.1 | 181 | MAX |
| MIN | 21.0 | 17.5 | 18.1 | 13.6 | 8.19 | 16.5 | 11.7 | 3.39 | 5.36 | 11.0 | 25.8 | 66.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.8
MAXIMUM DAILY, 334A ON MAR 26
MINIMUM DAILY, 3.39 ON AUG 28
MAXIMUM INSTANTANEOUS,
383 AT 14 45 EST ON MAR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 45 22 54 N
LONG 75 41 52 W
DRAINAGE AREA, 3 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 117 000 | JUL | 57 000 |
| FEB | 51 700 | AUG | 24 200 |
| MAR | 271 000 | SEP | 34 800 |
| APR | 272 000 | OCT | 56 100 |
| MAY | 50 200 | NOV | 97 200 |
| JUN | 84 800 | DEC | 295 000 |

TOTAL DISCHARGE, 1 410 000 dam³

## RIDEAU RIVER BELOW NANOTICK - STATION NO 02LA012

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 89.0 | 17.18 | 21.9 | 148 | 27.0 | 13.9 | 10.1 | 12.6 | 4.54 | 21.3 | 23.0 | 113 | 1 |
| 2 | 87.9 | 20.38 | 29.5 | 117 | 27.4 | 14.3 | 10.0 | 9.54 | 4.59 | 22.1 | 23.8 | 125 | 2 |
| 3 | 87.3 | 20.48 | 33.1 | 112 | 26.7 | 16.7 | 10.8 | 10.3 | 4.62 | 18.1 | 24.5 | 128 | 3 |
| 4 | 86.0 | 18.28 | 37.2 | 112 | 24.0 | 17.1 | 11.2 | 10.4 | 5.87 | 16.4 | 29.7 | 128 | 4 |
| 5 | 83.7 | 15.68 | 37.3 | 155 | 16.3 | 28.2 | 11.1 | 10.5 | 5.94 | 20.8 | 30.3 | 124 | 5 |
| 6 | 38.9 | 17.08 | 29.8 | 158 | 13.5 | 51.4 | 11.0 | 9.57 | 5.91 | 23.4 | 31.1 | 120 | 6 |
| 7 | 30.38 | 16.58 | 31.9 | 151 | 8.24 | 84.0 | 10.8 | 9.63 | 5.78 | 29.1 | 29.7 | 112 | 7 |
| 8 | 27.98 | 16.4 | 33.2 | 147 | 7.33 | 88.7 | 10.6 | 8.82 | 5.66 | 36.0 | 28.3 | 87.3 | 8 |
| 9 | 27.7 | 16.08 | 36.2 | 144 | 5.69 | 48.2 | 10.3 | 8.89 | 9.47 | 23.4 | 31.0 | 86.8 | 9 |
| 10 | 27.4 | 17.18 | 36.1 | 140 | 4.53 | 23.2 | 10.3 | 8.35 | 10.3 | 23.1 | 33.0 | 115 | 10 |
| 11 | 27.6 | 17.18 | 35.2 | 139 | 5.84 | 37.8 | 10.5 | 7.52 | 8.90 | 23.3 | 33.6 | 128 | 11 |
| 12 | 27.8 | 17.18 | 34.9 | 134 | 7.95 | 53.4 | 10.7 | 6.44 | 9.19 | 23.2 | 32.9 | 133 | 12 |
| 13 | 29.6 | 17.18 | 26.4 | 113 | 10.5 | 55.1 | 10.8 | 6.22 | 16.9 | 22.4 | 31.9 | 131 | 13 |
| 14 | 31.28 | 17.18 | 22.8 | 82.3 | 14.8 | 48.0 | 11.3 | 6.19 | 17.7 | 12.8 | 30.2 | 128 | 14 |
| 15 | 33.1 | 17.18 | 31.0 | 69.7 | 18.1 | 37.1 | 14.7 | 6.26 | 17.8 | 11.0 | 28.9 | 116 | 15 |
| 16 | 34.98 | 17.18 | 35.6 | 54.0 | 20.1 | 29.7 | 14.4 | 6.31 | 17.2 | 9.39 | 30.8 | 106 | 16 |
| 17 | 35.38 | 17.78 | 34.1 | 59.3 | 21.6 | 27.2 | 12.2 | 6.51 | 11.2 | 10.5 | 26.0 | 82.5 | 17 |
| 18 | 35.78 | 18.38 | 27.7 | 58.4 | 19.3 | 20.4 | 10.9 | 6.39 | 8.73 | 21.9 | 24.4 | 81.4 | 18 |
| 19 | 36.18 | 18.38 | 30.7 | 53.8 | 15.1 | 16.6 | 11.8 | 6.21 | 8.63 | 18.9 | 26.8 | 89.9 | 19 |
| 20 | 36.58 | 18.08 | 34.6 | 50.6 | 13.8 | 14.2 | 18.4 | 6.34 | 12.9 | 13.4 | 23.8 | 82.6 | 20 |
| 21 | 36.98 | 17.78 | 36.1 | 45.9 | 13.2 | 14.7 | 17.7 | 6.13 | 14.8 | 11.0 | 24.6 | 82.1 | 21 |
| 22 | 36.98 | 17.78 | 49.0 | 30.1 | 13.5 | 14.8 | 17.5 | 5.88 | 12.7 | 9.29 | 24.3 | 76.9 | 22 |
| 23 | 36.98 | 16.78 | 115 | 24.2 | 15.4 | 15.2 | 18.1 | 5.97 | 11.6 | 9.03 | 20.6 | 82.2 | 23 |
| 24 | 36.98 | 16.08 | 177 | 19.7 | 14.3 | 15.4 | 20.8 | 6.04 | 11.8 | 8.48 | 19.4 | 77.6 | 24 |
| 25 | 36.98 | 15.68 | 209 | 17.5 | 12.4 | 15.0 | 25.0 | 4.83 | 11.8 | 9.06 | 21.9 | 79.6 | 25 |
| 26 | 35.68 | 15.78 | 236 | 20.1 | 12.5 | 15.5 | 26.5 | 3.40 | 11.9 | 9.19 | 26.1 | 84.8 | 26 |
| 27 | 32.38 | 14.28 | 224 | 22.8 | 12.8 | 15.2 | 22.3 | 3.33 | 11.8 | 12.3 | 33.2 | 85.5 | 27 |
| 28 | 30.18 | 12.88 | 210 | 28.5 | 13.1 | 15.1 | 18.1 | 3.42 | 11.9 | 13.4 | 33.2 | 82.0 | 28 |
| 29 | 28.88 |  | 193 | 30.8 | 13.7 | 14.2 | 17.1 | 5.26 | 14.8 | 14.2 | 35.2 | 76.3 | 29 |
| 30 | 19.98 |  | 152 | 28.4 | 14.2 | 11.9 | 16.5 | 5.84 | 16.3 | 16.0 | 85.8 | 58.8 | 30 |
| 31 | 19.18 |  | 158 |  | 13.8 |  | 16.5 | 4.48 |  | 21.3 |  | 58.2 | 31 |
| TOTAL | 1 150.3 | 482.3 | 2 367.8 | 2 472.4 | 456.58 | 833.2 | 448.0 | 217.86 | 327.21 | 525.64 | 874.0 | 3 073.3 | TOTAL |
| MEAN | 37.1 | 17.2 | 76.4 | 82.4 | 14.8 | 27.8 | 14.5 | 7.03 | 10.9 | 17.0 | 29.1 | 99.1 | MEAN |
| MAX | 89.0 | 20.6 | 236 | 158 | 27.4 | 88.7 | 26.5 | 12.6 | 16.3 | 29.1 | 85.8 | 133 | MAX |
| MIN | 17.1 | 12.9 | 21.9 | 17.5 | 4.53 | 11.9 | 10.0 | 3.33 | 4.54 | 8.48 | 19.4 | 58.2 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.2
MAXIMUM DAILY, 236 ON MAR 26
MINIMUM DAILY, 3.33 ON AUG 27
MAXIMUM INSTANTANEOUS,
253 AT 11 56 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 14 54 N
LONG 75 42 17 W
DRAINAGE AREA, 3 120 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 88 400 | JUL | 38 700 |
| FEB | 41 700 | AUG | 18 800 |
| MAR | 305 000 | SEP | 28 300 |
| APR | 214 000 | OCT | 45 400 |
| MAY | 39 800 | NOV | 75 500 |
| JUN | 72 000 | DEC | 265 000 |

TOTAL DISCHARGE, 1 140 000 dam³

## RIDEAU RIVER BELOW MERRICKVILLE - STATION NO 02LA011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50.4 | 19.1 | 15.2 | 45.8 | 22.4 | 11.5 | 10.2 | 11.2 | 7.66 | 18.4 | 16.5 | 46.6 | 1 |
| 2 | 50.1 | 18.2 | 16.1 | 47.6 | 20.0 | 12.5 | 10.4 | 11.0 | 7.89 | 16.6 | 16.0 | 66.4 | 2 |
| 3 | 50.2 | 15.9 | 20.6 | 50.1 | 19.3 | 12.5 | 10.6 | 10.9 | 7.44 | 19.1 | 16.6 | 73.7 | 3 |
| 4 | 48.98 | 14.78 | 23.1 | 50.2 | 16.9 | 14.8 | 10.2 | 11.0 | 7.84 | 17.7 | 17.8 | 70.6 | 4 |
| 5 | 41.1 | 14.68 | 24.6 | 50.7 | 11.8 | 26.4 | 10.0 | 9.80 | 7.63 | 21.3 | 16.6 | 66.5 | 5 |
| 6 | 22.3 | 14.6 | 27.4 | 56.6 | 10.5 | 46.8 | 10.1 | 8.78 | 7.64 | 22.2 | 17.3 | 62.7 | 6 |
| 7 | 21.2 | 14.7 | 26.98 | 70.3 | 8.65 | 66.7 | 10.2 | 8.94 | 7.65 | 22.4 | 17.1 | 56.7 | 7 |
| 8 | 21.28 | 14.68 | 25.68 | 83.6 | 8.73 | 69.4 | 10.3 | 8.80 | 8.01 | 22.0 | 18.3 | 56.1 | 8 |
| 9 | 21.1 | 14.68 | 24.48 | 88.6 | 8.78 | 24.5 | 10.2 | 8.93 | 7.83 | 22.0 | 18.7 | 62.4 | 9 |
| 10 | 21.4 | 14.98 | 23.48 | 83.7 | 8.64 | 21.4 | 10.2 | 8.88 | 7.88 | 21.8 | 21.2 | 69.5 | 10 |
| 11 | 21.5 | 14.88 | 21.3 | 87.2 | 8.48 | 32.2 | 10.5 | 8.56 | 7.78 | 21.4 | 22.2 | 73.7 | 11 |
| 12 | 22.7 | 15.78 | 19.1 | 87.8 | 9.87 | 34.2 | 10.5 | 7.40 | 8.10 | 21.7 | 20.8 | 78.3 | 12 |
| 13 | 25.4 | 18.88 | 18.9 | 88.1 | 14.0 | 38.6 | 10.5 | 7.41 | 11.2 | 15.3 | 20.0 | 73.8 | 13 |
| 14 | 27.4 | 18.78 | 18.8 | 82.6 | 13.8 | 35.2 | 10.7 | 7.60 | 15.3 | 12.5 | 19.2 | 68.5 | 14 |
| 15 | 29.0 | 18.88 | 19.1 | 63.3 | 14.2 | 31.8 | 10.8 | 7.67 | 16.7 | 12.4 | 18.1 | 62.0 | 15 |
| 16 | 30.88 | 19.18 | 19.2 | 40.3 | 13.9 | 28.4 | 10.8 | 7.83 | 14.3 | 14.8 | 14.8 | 61.9 | 16 |
| 17 | 31.88 | 18.29 | 19.0 | 41.1 | 14.0 | 24.3 | 11.4 | 7.93 | 9.62 | 20.5 | 12.7 | 58.1 | 17 |
| 18 | 31.78 | 18.3 | 19.0 | 39.8 | 10.8 | 19.8 | 11.6 | 7.73 | 7.13 | 18.3 | 14.8 | 59.7 | 18 |
| 19 | 33.58 | 18.6 | 18.6 | 37.1 | 8.11 | 18.2 | 13.7 | 7.87 | 7.22 | 8.38 | 15.0 | 58.3 | 19 |
| 20 | 31.48 | 18.2 | 18.3 | 36.8 | 8.36 | 14.8 | 13.6 | 7.96 | 7.35 | 4.85 | 15.1 | 48.6 | 20 |
| 21 | 31.28 | 15.8 | 18.4 | 36.1 | 8.33 | 14.7 | 15.7 | 7.92 | 8.71 | 4.52 | 15.8 | 40.9 | 21 |
| 22 | 29.58 | 15.8 | 17.3 | 24.0 | 8.42 | 15.0 | 18.2 | 8.08 | 11.7 | 4.81 | 15.4 | 47.8 | 22 |
| 23 | 29.28 | 15.4 | 30.8 | 23.7 | 10.3 | 15.0 | 19.3 | 7.85 | 11.8 | 4.74 | 15.4 | 47.8 | 23 |
| 24 | 29.18 | 15.0 | 86.1 | 19.8 | 10.2 | 14.3 | 18.1 | 7.87 | 11.8 | 5.03 | 17.8 | 47.5 | 24 |
| 25 | 29.08 | 14.2 | 83.7 | 17.4 | 10.0 | 15.1 | 16.0 | 7.84 | 11.3 | 5.87 | 18.1 | 47.9 | 25 |
| 26 | 28.38 | 11.9 | 89.1 | 17.8 | 10.0 | 15.0 | 13.7 | 7.75 | 11.4 | 7.60 | 21.4 | 48.1 | 26 |
| 27 | 25.88 | 11.5 | 81.8 | 19.3 | 10.2 | 14.8 | 14.0 | 7.68 | 11.2 | 9.37 | 23.4 | 47.7 | 27 |
| 28 | 23.58 | 12.3 | 70.3 | 20.8 | 10.0 | 12.1 | 12.4 | 7.78 | 11.8 | 8.89 | 25.8 | 45.8 | 28 |
| 29 | 18.7 |  | 58.7 | 20.9 | 10.5 | 9.86 | 14.8 | 7.77 | 14.2 | 11.9 | 25.8 | 43.5 | 29 |
| 30 | 18.5 |  | 44.4 | 24.2 | 10.9 | 10.5 | 16.7 | 7.77 | 18.9 | 15.8 | 33.4 | 38.5 | 30 |
| 31 | 19.4 |  | 45.5 |  | 10.8 |  | 13.5 | 7.74 |  | 17.0 |  | 22.5 | 31 |
| TOTAL | 916.0 | 450.4 | 1 051.8 | 1 403.0 | 353.87 | 680.04 | 388.7 | 281.28 | 305.33 | 451.34 | 582.2 | 1 748.9 | TOTAL |
| MEAN | 29.5 | 16.1 | 33.9 | 46.8 | 11.4 | 23.0 | 12.6 | 8.43 | 10.2 | 14.6 | 18.7 | 58.4 | MEAN |
| MAX | 50.4 | 19.6 | 93.7 | 97.2 | 22.4 | 88.7 | 19.3 | 11.2 | 18.9 | 22.4 | 33.4 | 78.3 | MAX |
| MIN | 18.5 | 11.5 | 18.2 | 17.4 | 8.48 | 9.86 | 10.0 | 7.40 | 7.13 | 4.81 | 12.7 | 22.5 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.5
MAXIMUM DAILY, 97.2 ON APR 11
MINIMUM DAILY, 4.81 ON OCT 22
MAXIMUM INSTANTANEOUS,
101 AT 15 08 EST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 57 05 N
LONG 75 49 05 W
DRAINAGE AREA, 1 920 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 79 100 | JUL | 33 700 |
| FEB | 38 900 | AUG | 32 800 |
| MAR | 90 900 | SEP | 26 400 |
| APR | 121 000 | OCT | 38 900 |
| MAY | 30 600 | NOV | 48 800 |
| JUN | 59 800 | DEC | 151 000 |

TOTAL DISCHARGE, 741 000 dam³

## RIVIERE BEAUDETTE NEAR GLEN NEVIS - STATION NO. 02MC026

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.58 | 0.4338 | 0.2468 | 11.1 | 1.08 | 0.626 | 0.180 | 0.568 | 0.178 | 0.520 | 0.881 | 9.89 | 1 |
| 2 | 1.38 | 0.4188 | 0.2448 | 8.88 | 0.882 | 0.430 | 0.157 | 0.371 | 0.112 | 0.508 | 0.906 | 9.56 | 2 |
| 3 | 1.21 | 0.4028 | 0.2428 | 6.78 | 0.743 | 0.382 | 0.158 | 0.384 | 0.083 | 0.900 | 1.12 | 9.238 | 3 |
| 4 | 1.10 | 0.3918 | 0.2428 | 5.40 | 0.643 | 0.385 | 0.261 | 0.238 | 0.133 | 0.581 | 0.833 | 9.01 | 4 |
| 5 | 0.954 | 0.3808 | 0.2498 | 5.88 | 0.601 | 0.395 | 0.268 | 0.287 | 0.039 | 0.454 | 0.724 | 7.29 | 5 |
| 6 | 0.924 | 0.3728 | 0.2548 | 8.00 | 0.570 | 0.345 | 0.228 | 0.233 | 0.072 | 0.398 | 0.719 | 4.91 | 6 |
| 7 | 0.903 | 0.3638 | 0.2828 | 8.44 | 0.582 | 0.285 | 0.170 | 0.158 | 0.051 | 0.280 | 0.895 | 3.858 | 7 |
| 8 | 0.858 | 0.3548 | 0.5808 | 8.07 | 0.622 | 0.320 | 0.144 | 0.133 | 0.103 | 0.318 | 0.880 | 3.018 | 8 |
| 9 | 0.848 | 0.3468 | 1.58 E | 6.17 | 0.686 | 0.735 | 0.110 | 0.124 | 0.124 | 0.674 | 1.92 | 2.51 | 9 |
| 10 | 0.807 | 0.3388 | 2.50 E | 4.28 | 0.693 | 1.80 | 0.119 | 0.108 | 0.129 | 0.367 | 1.85 | 4.18 | 10 |
| 11 | 0.805 | 0.3298 | 2.30 E | 3.80 | 0.834 | 1.82 | 0.100 | 0.088 | 0.148 | 0.230 | 1.78 | 5.70 | 11 |
| 12 | 0.818 | 0.3208 | 1.86 E | 2.77 | 0.874 | 2.09 | 0.080 | 0.140 | 0.171 | 0.204 | 1.56 | 5.75 | 12 |
| 13 | 0.788 | 0.3138 | 1.78 E | 2.30 | 0.868 | 1.83 | 0.088 | 0.143 | 0.506 | 0.178 | 1.34 | 5.77 | 13 |
| 14 | 0.778 | 0.3078 | 1.60 E | 1.81 | 0.806 | 1.31 | 0.076 | 0.118 | 0.758 | 0.278 | 1.26 | 5.02 | 14 |
| 15 | 0.771 | 0.3018 | 1.47 E | 1.83 | 0.830 | 0.932 | 0.070 | 0.100 | 0.819 | 0.281 | 1.11 | 3.62 | 15 |
| 16 | 0.7338 | 0.2928 | 1.38 E | 1.38 | 1.02 | 0.891 | 0.084 | 0.085 | 0.487 | 0.824 | 0.947 | 2.558 | 16 |
| 17 | 0.7128 | 0.2838 | 1.30 E | 1.18 | 0.858 | 0.808 | 0.057 | 0.089 | 0.268 | 0.484 | 0.913 | 2.378 | 17 |
| 18 | 0.6808 | 0.2768 | 1.21 E | 1.11 | 0.748 | 0.384 | 0.108 | 0.077 | 0.167 | 0.314 | 1.38 | 2.288 | 18 |
| 19 | 0.6588 | 0.2738 | 1.21 E | 0.998 | 0.638 | 0.288 | 0.450 | 0.171 | 0.202 | 0.217 | 1.83 | 2.188 | 19 |
| 20 | 0.6308 | 0.2688 | 1.26 E | 0.923 | 0.542 | 0.232 | 0.328 | 0.148 | 0.188 | 0.183 | 1.48 | 2.11 | 20 |
| 21 | 0.6088 | 0.2628 | 1.41 E | 0.874 | 0.412 | 0.188 | 0.298 | 0.108 | 0.177 | 0.201 | 1.06 E | 2.91 | 21 |
| 22 | 0.5908 | 0.2608 | 2.88 E | 0.714 | 0.351 | 0.161 | 0.247 | 0.045 | 0.189 | 0.202 | 0.8408 | 3.20 | 22 |
| 23 | 0.5728 | 0.2568 | 5.27 E | 0.828 | 0.398 | 0.172 | 0.171 | 0.080 | 0.163 | 0.238 | 0.802 | 3.19 | 23 |
| 24 | 0.5588 | 0.2588 | 10.2 E | 0.886 | 0.488 | 0.180 | 0.265 | 0.035 | 0.141 | 0.324 | 0.832 | 3.108 | 24 |
| 25 | 0.5418 | 0.2528 | 14.6 | 0.926 | 0.423 | 0.137 | 1.87 | 0.200 | 0.156 | 0.501 | 0.804 | 3.47 | 25 |
| 26 | 0.5268 | 0.2528 | 23.3 | 0.781 | 0.393 | 0.134 | 2.72 | 0.244 | 0.531 | 0.605 | 0.648 | 4.28 | 26 |
| 27 | 0.5128 | 0.2508 | 25.0 | 0.686 | 0.344 | 0.128 | 2.80 | 0.256 | 0.488 | 0.514 | 0.928 | 3.908 | 27 |
| 28 | 0.4958 | 0.2488 | 22.9 | 0.802 | 0.361 | 0.132 | 2.15 | 0.183 | 0.232 | 1.14 | 0.816 | 3.688 | 28 |
| 29 | 0.4788 | | 19.2 | 0.847 | 0.424 | 0.151 | 1.90 | 0.136 | 0.150 | 1.71 | 1.08 | 3.208 | 29 |
| 30 | 0.4618 | | 15.5 | 1.01 | 0.448 | 0.209 | 1.40 | 0.116 | 0.148 | 1.23 | 7.85 | 2.208 | 30 |
| 31 | 0.4478 | | 13.9 | | 0.386 | | 0.835 | 0.142 | | 1.08 | | 1.828 | 31 |
| TOTAL | 23.721 | 8.787 | 175.689 | 91.415 | 18.151 | 17.100 | 17.712 | 5.238 | 6.987 | 15.539 | 35.080 | 135.32 | TOTAL |
| MEAN | 0.765 | 0.314 | 5.67 | 3.05 | 0.586 | 0.570 | 0.571 | 0.169 | 0.232 | 0.501 | 1.30 | 4.37 | MEAN |
| MAX | 1.58 | 0.433 | 25.0 | 11.1 | 1.08 | 2.09 | 2.72 | 0.568 | 0.758 | 1.71 | 7.85 | 9.89 | MAX |
| MIN | 0.447 | 0.268 | 0.242 | 0.802 | 0.344 | 0.128 | 0.087 | 0.035 | 0.029 | 0.175 | 0.648 | 1.82 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.62
MAXIMUM DAILY, 25.0 ON MAR 27
MINIMUM DAILY, 0.029 ON SEP 5
MAXIMUM INSTANTANEOUS,
25.4 AT 05 17 EST ON MAR 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 27 N
LONG 74 28 37 W
DRAINAGE AREA, 124 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 050 | JUL | 1 530 |
| FEB | 780 | AUG | 483 |
| MAR | 15 200 | SEP | 802 |
| APR | 7 900 | OCT | 1 340 |
| MAY | 1 570 | NOV | 3 370 |
| JUN | 1 480 | DEC | 11 700 |

TOTAL DISCHARGE, 48 900 dam³

## RIVIERE DELISLE NEAR ALEXANDRIA - STATION NO. 02MC028

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.736 | 0.2788 | 0.2098 | 5.03 | 0.887 | 0.486 | 0.184 | 0.348 | 0.041 | 0.348 | 0.886 | 8.03 | 1 |
| 2 | 0.654 | 0.2738 | 0.2148 | 3.83 | 0.532 | 0.394 | 0.142 | 0.302 | 0.039 | 0.305 | 0.806 | 7.34 | 2 |
| 3 | 0.610 | 0.2718 | 0.2188 | 2.92 | 0.449 | 0.353 | 0.213 | 0.300 | 0.032 | 0.291 | 0.545 | 4.64 | 3 |
| 4 | 0.5788 | 0.2688 | 0.2208 | 2.81 | 0.382 | 0.430 | 1.53 | 0.305 | 0.028 | 0.281 | 0.580 | 2.88 | 4 |
| 5 | 0.5408 | 0.2688 | 0.2288 | 4.47 | 0.357 | 0.616 | 1.08 | 0.271 | 0.038 | 0.273 | 0.858 | 1.85 | 5 |
| 6 | 0.508 | 0.2638 | 0.2358 | 4.59 | 0.352 | 0.516 | 0.807 | 0.218 | 0.031 | 0.261 | 0.744 | 1.47 | 6 |
| 7 | 0.484 | 0.2618 | 0.2858 | 3.76 | 0.342 | 0.402 | 0.418 | 0.177 | 0.024 | 0.274 | 0.874 | 1.16 | 7 |
| 8 | 0.4628 | 0.2588 | 0.3548 | 3.00 | 0.306 | 0.586 | 0.344 | 0.151 | 0.023 | 0.350 | 0.873 | 0.989 | 8 |
| 9 | 0.4548 | 0.2558 | 0.6208 | 2.48 | 0.289 | 1.86 | 0.307 | 0.123 | 0.050 | 0.353 | 1.03 | 1.02 | 9 |
| 10 | 0.4438 | 0.2528 | 1.48 | 1.97 | 0.287 | 3.97 | 0.253 | 0.117 | 0.067 | 0.437 | 1.30 | 2.49 | 10 |
| 11 | 0.4378 | 0.2508 | 2.07 | 1.80 | 0.278 | 2.10 | 0.197 | 0.109 | 0.076 | 0.444 | 0.976 | 4.23 | 11 |
| 12 | 0.4268 | 0.2488 | 1.86 | 1.28 | 0.312 | 1.37 | 0.167 | 0.094 | 0.103 | 0.309 | 0.748 | 3.34 | 12 |
| 13 | 0.4228 | 0.2468 | 1.62 | 1.10 | 0.340 | 1.25 | 0.138 | 0.080 | 0.555 | 0.277 | 0.857 | 2.83 | 13 |
| 14 | 0.4158 | 0.2438 | 0.971 | 0.910 | 0.288 | 1.01 | 0.126 | 0.083 | 0.656 | 0.267 | 0.847 | 2.17 | 14 |
| 15 | 0.3908 | 0.2418 | 0.873 | 0.809 | 0.338 | 0.765 | 0.135 | 0.101 | 0.361 | 0.288 | 0.802 | 1.72 | 15 |
| 16 | 0.3688 | 0.2388 | 0.797 | 0.706 | 0.425 | 0.542 | 0.184 | 0.100 | 0.294 | 0.306 | 0.854 | 1.34 | 16 |
| 17 | 0.3488 | 0.2348 | 0.706 | 0.671 | 0.383 | 0.484 | 0.191 | 0.080 | 0.253 | 0.283 | 0.808 | 1.27 | 17 |
| 18 | 0.3428 | 0.2338 | 0.741 | 0.583 | 0.333 | 0.445 | 0.188 | 0.079 | 0.218 | 0.261 | 0.688 | 1.32 | 18 |
| 19 | 0.3378 | 0.2318 | 0.781 | 0.582 | 0.407 | 0.505 | 0.823 | 0.086 | 0.204 | 0.250 | 0.788 | 1.18 | 19 |
| 20 | 0.3308 | 0.2298 | 0.888 | 0.551 | 0.458 | 0.320 | 0.598 | 0.080 | 0.196 | 0.250 | 0.883 | 1.13 | 20 |
| 21 | 0.3238 | 0.2268 | 0.871 | 0.507 | 0.446 | 0.252 | 0.484 | 0.084 | 0.207 | 0.258 | 0.875 | 1.44 | 21 |
| 22 | 0.3188 | 0.2238 | 1.87 | 0.451 | 0.456 | 0.195 | 0.407 | 0.062 | 0.236 | 0.285 | 0.445 | 1.84 | 22 |
| 23 | 0.3118 | 0.2218 | 4.87 | 0.385 | 0.858 | 0.166 | 0.320 | 0.041 | 0.219 | 0.308 | 0.433 | 1.80 | 23 |
| 24 | 0.3088 | 0.2188 | 7.14 | 0.480 | 0.905 | 0.143 | 0.308 | 0.040 | 0.213 | 0.421 | 0.434 | 1.42 | 24 |
| 25 | 0.3008 | 0.2178 | 9.18 | 0.486 | 0.744 | 0.121 | 1.07 | 0.061 | 0.183 | 0.593 | 0.513 | 1.85 | 25 |
| 26 | 0.2958 | 0.2168 | 12.0 | 0.427 | 0.686 | 0.111 | 2.84 | 0.033 | 0.159 | 0.833 | 0.444 | 2.57 | 26 |
| 27 | 0.2908 | 0.2148 | 13.0 | 0.371 | 0.654 | 0.124 | 4.23 | 0.028 | 0.135 | 0.515 | 0.507 | 1.70 E | 27 |
| 28 | 0.2848 | 0.2128 | 13.4 | 0.384 | 0.823 | 0.145 | 1.81 | 0.033 | 0.147 | 0.787 | 0.525 | 1.30 E | 28 |
| 29 | 0.2828 | | 11.1 | 0.488 | 0.814 | 0.152 | 0.880 | 0.021 | 0.124 | 1.00 | 0.737 | 1.14 E | 29 |
| 30 | 0.2808 | | 8.20 | 0.628 | 0.728 | 0.182 | 0.577 | 0.026 | 0.171 | 0.777 | 5.06 | 0.8708 | 30 |
| 31 | 0.2798 | | 7.78 | | 0.831 | | 0.412 | 0.032 | | 0.751 | | 0.8578 | 31 |
| TOTAL | 12.536 | 5.764 | 105.902 | 49.217 | 14.851 | 19.748 | 20.686 | 3.578 | 5.093 | 12.374 | 23.978 | 88.186 | TOTAL |
| MEAN | 0.404 | 0.242 | 3.42 | 1.64 | 0.479 | 0.658 | 0.667 | 0.115 | 0.170 | 0.399 | 0.799 | 2.20 | MEAN |
| MAX | 0.736 | 0.276 | 13.4 | 5.03 | 0.905 | 3.97 | 4.23 | 0.348 | 0.656 | 1.00 | 5.06 | 8.03 | MAX |
| MIN | 0.279 | 0.212 | 0.209 | 0.384 | 0.278 | 0.111 | 0.126 | 0.023 | 0.023 | 0.250 | 0.423 | 0.857 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.840
MAXIMUM DAILY, 13.4 ON MAR 28
MINIMUM DAILY, 0.023 ON AUG 28

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 37 N
LONG 74 38 39 W
DRAINAGE AREA, 85.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 080 | JUL | 1 780 |
| FEB | 585 | AUG | 309 |
| MAR | 9 150 | SEP | 440 |
| APR | 4 250 | OCT | 1 070 |
| MAY | 1 280 | NOV | 2 070 |
| JUN | 1 710 | DEC | 5 880 |

TOTAL DISCHARGE, 29 800 dam³

## ROOT RIVER AT SAULT STE. MARIE - STATION NO. 02CA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.8908 | 0.5388 | 0.6258 | 4.42 | 1.13 | 1.15 | 0.165 | 0.163 | 0.493 | 0.936 | 3.80 | 4.14 | 1 |
| 2 | 0.8758 | 0.5358 | 0.8508 | 3.77 | 0.988 | 0.943 | 0.115 | 2.11 | 0.389 | 8.43 | 3.07 | 3.21 | 2 |
| 3 | 0.8608 | 0.5308 | 0.8708 | 3.28 | 0.893 | 0.857 | 0.155 | 2.76 | 0.329 | 5.81 | 3.24 | 2.80 | 3 |
| 4 | 0.8408 | 0.5228 | 0.8908 | 2.80 | 0.780 | 0.731 | 0.153 | 2.88 | 0.292 | 3.41 | 4.58 | 2.48 | 4 |
| 5 | 0.9258 | 0.5218 | 0.7158 | 2.78 | 0.711 | 0.657 | 0.107 | 2.79 | 0.268 | 2.62 | 5.31 | 2.33 | 5 |
| 6 | 0.9158 | 0.5208 | 0.7408 | 2.56 | 0.667 | 0.572 | 0.082 | 1.85 | 0.229 | 2.11 | 4.70 | 3.20 | 6 |
| 7 | 0.9058 | 0.5208 | 0.7708 | 5.01 | 0.608 | 0.534 | 0.082 | 1.15 | 0.226 | 1.94 | 3.86 | 5.32 | 7 |
| 8 | 0.8858 | 0.5208 | 0.8008 | 5.51 | 0.588 | 0.504 | 0.047 | 0.872 | 0.242 | 1.71 | 3.26 | 4.08 | 8 |
| 9 | 0.8758 | 0.5208 | 0.8468 | 5.27 | 0.532 | 0.483 | 0.058 | 0.722 | 0.218 | 1.57 | 2.84 | 5.06 | 9 |
| 10 | 0.8658 | 0.5188 | 0.9258 | 5.85 | 0.495 | 0.417 | 0.170 | 0.682 | 0.198 | 1.40 | 2.56 | 11.4 | 10 |
| 11 | 0.8558 | 0.5188 | 0.9408 | 5.86 | 0.521 | 0.827 | 0.424 | 0.541 | 0.188 | 1.18 | 2.32 | 8.07 | 11 |
| 12 | 0.8208 | 0.5188 | 0.9308 | 5.26 | 0.906 | 1.29 | 0.523 | 0.448 | 0.288 | 1.01 | 2.22 | 6.08 | 12 |
| 13 | 0.7858 | 0.5188 | 0.8708 | 4.34 | 0.645 | 1.06 | 1.29 | 0.388 | 0.327 | 0.877 | 2.23 | 5.28 | 13 |
| 14 | 0.7308 | 0.5188 | 0.8508 | 3.81 | 0.598 | 0.907 | 0.880 | 0.384 | 0.311 | 0.853 | 2.38 | 4.55 | 14 |
| 15 | 0.8858 | 0.5208 | 0.8108 | 3.49 | 0.814 | 0.648 | 0.580 | 0.420 | 0.350 | 0.885 | 2.29 | 3.88 | 15 |
| 16 | 0.8708 | 0.5218 | 0.8508 | 3.15 | 0.581 | 0.543 | 0.427 | 0.433 | 0.298 | 0.828 | 2.19 | 3.48 | 16 |
| 17 | 0.8508 | 0.5228 | 1.01 B | 2.77 | 1.00 | 0.417 | 0.340 | 0.588 | 0.290 | 4.30 | 2.85 | 3.17 | 17 |
| 18 | 0.8408 | 0.5298 | 1.25 B | 2.39 | 1.80 | 0.384 | 0.276 | 0.701 | 0.266 | 12.0 | 3.39 | 2.848 | 18 |
| 19 | 0.8288 | 0.5358 | 1.50 B | 1.98 | 1.83 | 0.309 | 0.850 | 1.19 | 0.279 | 8.81 | 2.83 | 2.828 | 19 |
| 20 | 0.8108 | 0.5388 | 2.00 B | 1.78 | 1.85 | 0.281 | 1.88 | 1.28 | 0.989 | 4.45 | 2.58 | 2.408 | 20 |
| 21 | 0.5958 | 0.5438 | 2.90 B | 1.70 | 1.42 | 0.222 | 1.43 | 1.03 | 1.23 | 3.43 | 2.46 | 2.248 | 21 |
| 22 | 0.5858 | 0.5458 | 3.65 B | 1.49 | 4.18 | 0.205 | 0.988 | 0.878 | 0.849 | 2.73 | 2.48 | 2.078 | 22 |
| 23 | 0.5758 | 0.5588 | 4.80 B | 1.80 | 3.88 | 0.179 | 0.704 | 0.727 | 0.715 | 2.33 | 2.34 | 1.938 | 23 |
| 24 | 0.5708 | 0.5638 | 5.80 B | 1.70 | 2.70 | 0.164 | 0.726 | 0.572 | 0.587 | 2.40 | 3.27 | 1.808 | 24 |
| 25 | 0.5658 | 0.5788 | 7.30 B | 1.61 | 2.18 | 0.197 | 0.881 | 0.432 | 0.517 | 2.84 | 2.92 | 1.698 | 25 |
| 26 | 0.5578 | 0.5858 | 9.40 B | 1.35 | 2.00 | 0.238 | 0.484 | 0.350 | 0.483 | 2.41 | 2.81 | 1.588 | 26 |
| 27 | 0.5528 | 0.5958 | 9.41 | 1.85 | 2.05 | 0.207 | 0.358 | 0.295 | 0.398 | 4.48 | 2.34 | 1.488 | 27 |
| 28 | 0.5488 | 0.6058 | 8.32 | 1.58 | 1.78 | 0.125 | 0.286 | 0.255 | 0.369 | 6.04 | 1.88 | 1.388 | 28 |
| 29 | 0.5428 | | 8.05 | 1.38 | 1.45 | 0.178 | 0.252 | 0.225 | 0.344 | 5.87 | 2.08 | 1.308 | 29 |
| 30 | 0.5408 | | 7.71 | 1.21 | 1.22 | 0.158 | 0.219 | 0.287 | 0.337 | 5.53 | 3.98 | 1.238 | 30 |
| 31 | 0.5378 | | 5.84 | | 1.27 | | 0.195 | 0.400 | | 4.74 | | 1.178 | 31 |
| TOTAL | 22.458 | 15.053 | 51.841 | 91.72 | 80.578 | 15.188 | 14.817 | 28.703 | 12.378 | 105.499 | 88.81 | 104.28 | TOTAL |
| MEAN | 0.724 | 0.538 | 2.95 | 3.08 | 1.31 | 0.507 | 0.478 | 0.926 | 0.413 | 3.40 | 2.96 | 3.36 | MEAN |
| MAX | 0.950 | 0.605 | 9.41 | 5.86 | 4.18 | 1.29 | 1.88 | 3.98 | 1.23 | 12.0 | 5.31 | 11.4 | MAX |
| MIN | 0.537 | 0.519 | 0.838 | 1.21 | 0.445 | 0.158 | 0.047 | 0.163 | 0.188 | 0.828 | 1.88 | 1.17 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.73
MAXIMUM DAILY, 12.0 ON OCT 18
MINIMUM DAILY, 0.047 ON JUL 8
MAXIMUM INSTANTANEOUS,
14.7 AT 04:11 EST ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 33 49 N
LONG 84 18 55 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 940 | JUL | 1 280 |
| FEB | 1 300 | AUG | 2 480 |
| MAR | 7 920 | SEP | 1 070 |
| APR | 7 920 | OCT | 9 120 |
| MAY | 3 510 | NOV | 7 670 |
| JUN | 1 310 | DEC | 9 010 |

TOTAL DISCHARGE, 54 800 dam³

## ROSEBERRY RIVER ABOVE ROSEBERRY LAKES - STATION NO. 04CA003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.65 | 1.21 | 0.8958 | 0.852 | 12.7 | 7.48 | 2.56 | 0.676 | 1.29 | 1.01 | 3.26 | 2.66 | 1 |
| 2 | 1.65 | 1.22 | 0.8908 | 0.843 | 11.6 | 8.65 | 2.37 | 0.657 | 1.27 | 1.02 | 3.28 | 2.61 | 2 |
| 3 | 1.63 | 1.18 | 0.8878 | 0.825 | 11.2 | 9.65 | 2.19 | 0.608 | 1.30 | 1.04 | 3.36 | 2.75 | 3 |
| 4 | 1.78 | 1.17 | 0.8848 | 0.834 | 10.5 | 10.2 | 2.10 | 0.584 | 1.32 | 1.09 | 3.38 | 2.71 | 4 |
| 5 | 1.77 | 1.16 | 0.8808 | 0.836 | 9.91 | 10.6 | 2.01 | 0.536 | 1.31 | 1.28 | 3.48 | 2.66 | 5 |
| 6 | 1.75 | 1.16 | 0.8708 | 0.923 | 9.15 | 10.5 | 1.92 | 0.578 | 1.31 | 1.35 | 3.52 | 2.62 | 6 |
| 7 | 1.73 | 1.12 | 0.8678 | 1.16 | 8.46 | 9.82 | 1.84 | 0.611 | 1.33 | 1.42 | 3.48 | 2.63 | 7 |
| 8 | 1.68 | 1.09 | 0.8628 | 1.77 | 7.97 | 9.71 | 1.74 | 0.851 | 1.33 | 1.55 | 3.47 | 2.61 | 8 |
| 9 | 1.69 | 1.09 | 0.8588 | 3.36 | 7.43 | 9.43 | 1.84 | 0.712 | 1.32 | 1.72 | 3.42 | 2.59 | 9 |
| 10 | 1.61 | 1.09 | 0.8528 | 6.53 | 6.85 | 9.02 | 1.57 | 0.762 | 1.28 | 1.86 | 3.33 | 2.57 | 10 |
| 11 | 1.62 | 1.08 | 0.8478 | 10.1 | 6.83 | 8.52 | 1.45 | 0.828 | 1.27 | 2.08 | 3.28 | 2.58 | 11 |
| 12 | 1.62 | 1.05 | 0.8448 | 12.7 | 6.59 | 8.26 | 1.33 | 0.858 | 1.26 | 2.24 | 3.24 | 2.62 | 12 |
| 13 | 1.58 | 1.04 | 0.8388 | 14.4 | 6.46 | 8.19 | 1.26 | 0.890 | 1.28 | 2.31 | 3.20 | 2.62 | 13 |
| 14 | 1.56 | 1.02 | 0.8348 | 15.6 | 6.10 | 7.86 | 1.25 | 0.859 | 1.30 | 2.38 | 3.15 | 2.54 | 14 |
| 15 | 1.52 | 1.02 | 0.8308 | 16.8 | 5.96 | 7.69 | 1.22 | 0.887 | 1.30 | 2.54 | 3.13 | 2.58 | 15 |
| 16 | 1.46 | 1.00 | 0.8288 | 18.0 | 6.09 | 7.33 | 1.16 | 0.851 | 1.30 | 2.53 | 3.19 | 2.62 | 16 |
| 17 | 1.43 | 0.988 | 0.8208 | 18.9 | 5.91 | 6.92 | 1.11 | 0.844 | 1.30 | 2.61 | 3.26 | 2.48 | 17 |
| 18 | 1.44 | 0.9588 | 0.8168 | 19.2 | 5.78 | 6.44 | 1.07 | 0.862 | 1.28 | 2.57 | 3.27 | 2.48 | 18 |
| 19 | 1.38 | 0.9468 | 0.8128 | 20.2 | 5.67 | 5.83 | 1.01 | 0.863 | 1.26 | 2.58 | 3.26 | 2.48 | 19 |
| 20 | 1.38 | 0.9408 | 0.8068 | 20.4 | 5.47 | 5.53 | 0.978 | 0.903 | 1.28 | 2.77 | 3.28 | 2.46 | 20 |
| 21 | 1.37 | 0.9358 | 0.800 | 20.4 | 5.06 | 5.03 | 0.953 | 0.977 | 1.24 | 2.61 | 3.28 | 2.42 | 21 |
| 22 | 1.33 | 0.9308 | 0.804 | 20.5 | 4.84 | 4.61 | 0.988 | 1.05 | 1.22 | 2.67 | 3.21 | 2.38 | 22 |
| 23 | 1.28 | 0.9268 | 0.820 | 19.7 | 4.83 | 4.35 | 0.961 | 1.04 | 1.20 | 2.88 | 3.14 | 2.34 | 23 |
| 24 | 1.27 | 0.9208 | 0.843 | 18.7 | 4.83 | 4.05 | 0.905 | 1.12 | 1.16 | 2.89 | 3.11 | 2.30 | 24 |
| 25 | 1.26 | 0.9168 | 0.876 | 17.6 | 4.67 | 3.69 | 0.816 | 1.15 | 1.12 | 3.03 | 3.07 | 2.24 | 25 |
| 26 | 1.25 | 0.9108 | 0.882 | 17.1 | 4.44 | 3.58 | 0.907 | 1.18 | 1.12 | 3.08 | 3.07 | 2.22 | 26 |
| 27 | 1.24 | 0.9068 | 0.882 | 16.8 | 4.49 | 3.44 | 0.873 | 1.24 | 1.08 | 3.12 | 3.01 | 2.21 | 27 |
| 28 | 1.21 | 0.9008 | 0.888 | 15.8 | 4.59 | 3.18 | 0.841 | 1.27 | 1.08 | 3.11 | 2.99 | 2.25 | 28 |
| 29 | 1.21 | | 0.877 | 14.5 | 5.23 | 2.89 | 0.808 | 1.34 | 1.02 | 3.14 | 2.98 | 2.18 | 29 |
| 30 | 1.22 | | 0.867 | 13.7 | 5.89 | 2.72 | 0.772 | 1.29 | 0.954 | 3.19 | 2.93 | 2.15 | 30 |
| 31 | 1.22 | | 0.861 | | 6.51 | | 0.718 | 1.31 | | 3.21 | | 2.13 | 31 |
| TOTAL | 46.42 | 28.849 | 26.418 | 358.823 | 211.82 | 205.89 | 41.512 | 28.047 | 37.084 | 71.50 | 98.87 | 76.85 | TOTAL |
| MEAN | 1.50 | 1.03 | 0.852 | 12.0 | 6.83 | 6.86 | 1.34 | 0.905 | 1.24 | 2.31 | 3.23 | 2.47 | MEAN |
| MAX | 1.65 | 1.22 | 0.895 | 20.5 | 12.7 | 10.6 | 2.56 | 1.34 | 1.33 | 3.21 | 3.52 | 2.66 | MAX |
| MIN | 1.21 | 0.900 | 0.800 | 0.824 | 4.44 | 2.72 | 0.718 | 0.536 | 0.954 | 1.01 | 2.93 | 2.13 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.37
MAXIMUM DAILY, 20.5 ON APR 22
MINIMUM DAILY, 0.536 ON AUG 5
MAXIMUM INSTANTANEOUS,
20.6 AT 09:26 EST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 20 N
LONG 82 32 15 W
DRAINAGE AREA, 519 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 010 | JUL | 3 590 |
| FEB | 2 490 | AUG | 2 420 |
| MAR | 2 280 | SEP | 3 200 |
| APR | 31 000 | OCT | 6 180 |
| MAY | 18 300 | NOV | 8 380 |
| JUN | 17 800 | DEC | 6 620 |

TOTAL DISCHARGE, 105 000 dam³

## ROUGE RIVER NEAR MARKHAM - STATION NO 02HC023

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.85 | 0.8108 | 2.50 B | 3.61 | 0.550 | 2.55 | 0.266 | 0.183 | 0.349 | 0.342 | 0.501 | 3.18 | 1 |
| 2 | 1.77 | 0.7808 | 10.0 B | 4.62 | 0.546 | 1.53 | 0.263 | 1.38 | 0.243 | 0.333 | 0.431 | 2.18 | 2 |
| 3 | 1.77 | 0.8108 | 7.86 | 4.75 | 0.556 | 0.886 | 0.556 | 0.997 | 0.191 | 0.339 | 1.03 | 1.96 | 3 |
| 4 | 1.80 B | 0.7808 | 4.24 B | 8.08 | 0.521 | 0.472 | 0.656 | 0.427 | 0.189 | 0.310 | 0.676 | 1.86 | 4 |
| 5 | 1.56 B | 0.7808 | 3.08 B | 18.5 | 0.480 | 0.375 | 0.315 | 0.354 | 0.181 | 0.307 | 0.590 | 1.74 | 5 |
| 6 | 1.52 | 0.7408 | 4.86 | 7.59 | 0.484 | 0.347 | 0.389 | 0.254 | 0.180 | 0.335 | 0.492 | 1.65 | 6 |
| 7 | 1.48 | 0.7808 | 12.5 | 4.82 | 0.382 | 2.78 | 0.881 | 0.241 | 0.195 | 0.771 | 0.501 | 1.08 | 7 |
| 8 | 1.42 | 0.7808 | 21.5 | 2.94 | 0.305 | 2.93 | 2.78 | 0.212 | 0.581 | 1.02 | 1.08 | 0.794 | 8 |
| 9 | 1.31 | 0.7508 | 13.5 E | 2.40 | 0.314 | 1.02 | 0.746 | 2.24 | 0.482 | 0.516 | 2.50 | 1.17 | 9 |
| 10 | 1.25 | 0.7408 | 8.48 E | 2.38 | 0.306 | 0.565 | 0.626 | 1.32 | 0.347 | 0.402 | 2.12 | 1.70 | 10 |
| 11 | 1.19 | 0.7208 | 2.49 E | 2.15 | 0.339 | 0.485 | 0.382 | 0.408 | 0.297 | 0.381 | 1.84 | 1.85 | 11 |
| 12 | 1.17 | 0.7008 | 2.44 E | 2.17 | 0.179 | 0.631 | 0.282 | 0.286 | 0.308 | 0.384 | 1.55 | 1.64 | 12 |
| 13 | 1.18 | 0.6808 | 1.87 A | 2.15 | 0.302 | 1.26 | 2.00 | 0.256 | 0.451 | 0.346 | 0.882 | 1.55 | 13 |
| 14 | 1.18 | 0.6808 | 1.50 | 2.01 | 0.491 | 0.521 | 4.44 | 0.232 | 0.511 | 0.554 | 0.587 | 1.44 | 14 |
| 15 | 1.44 | 0.6708 | 1.33 | 1.90 | 0.808 | 0.381 | 2.30 | 0.233 | 0.298 | 0.342 | 0.489 | 1.58 | 15 |
| 16 | 1.45 | 0.6808 | 1.44 | 1.88 | 0.435 | 0.281 | 0.739 | 0.300 | 0.235 | 0.342 | 0.458 | 1.80 | 16 |
| 17 | 1.44 B | 0.6508 | 1.43 | 1.30 | 0.425 | 0.261 | 0.470 | 0.880 | 1.61 | 0.689 | 0.732 | 1.88 | 17 |
| 18 | 1.31 B | 0.6408 | 1.51 | 1.10 | 0.413 | 0.231 | 0.341 | 0.318 | 2.25 | 0.789 | 1.31 | 1.83 B | 18 |
| 19 | 1.26 B | 0.6308 | 1.74 | 0.922 | 0.413 | 0.245 | 0.385 | 0.231 | 0.884 | 0.425 | 1.30 | 1.58 | 19 |
| 20 | 1.37 B | 0.6258 | 1.93 | 0.862 | 0.371 | 0.237 | 1.25 | 0.181 | 1.88 | 0.384 | 0.896 | 5.42 | 20 |
| 21 | 1.23 B | 0.6208 | 1.79 | 0.781 | 0.404 | 0.217 | 0.634 | 0.178 | 3.16 | 0.374 | 0.536 | 8.26 | 21 |
| 22 | 1.16 B | 0.6108 | 1.82 | 0.688 | 0.395 | 2.48 | 0.292 | 0.183 | 1.85 | 0.451 | 0.494 | 3.56 | 22 |
| 23 | 1.12 B | 0.6078 | 1.88 | 0.695 | 0.384 | 1.88 | 0.242 | 0.157 | 0.818 | 1.38 | 0.481 | 2.41 | 23 |
| 24 | 1.08 B | 0.6008 | 1.86 | 0.684 | 0.389 | 0.844 | 0.231 | 0.148 | 0.400 | 1.11 | 0.472 | 2.01 | 24 |
| 25 | 1.02 B | 0.5908 | 0.898 | 0.826 | 0.401 | 0.415 | 0.886 | 0.184 | 0.324 | 1.88 | 1.41 | 5.77 | 25 |
| 26 | 1.00 B | 0.6808 | 2.50 | 0.810 | 0.486 | 0.943 | 0.327 | 0.151 | 0.285 | 0.814 | 3.17 | 4.73 | 26 |
| 27 | 0.9608 | 0.7008 | 2.48 | 0.736 | 1.07 | 0.547 | 0.230 | 0.181 | 0.325 | 1.18 | 2.78 | 2.08 | 27 |
| 28 | 0.9308 | 1.20 B | 2.08 | 0.726 | 1.02 | 0.400 | 0.174 | 0.188 | 0.517 | 1.03 | 2.14 | 1.75 | 28 |
| 29 | 0.9008 | | 1.86 | 0.854 | 0.848 | 0.351 | 0.173 | 0.327 | 0.400 | 0.872 | 7.17 | 1.88 B | 29 |
| 30 | 0.8808 | | 3.34 | 0.581 | 0.857 | 0.308 | 0.287 | 0.237 | 0.371 | 0.530 | 7.37 | 1.54 B | 30 |
| 31 | 0.8408 | | 4.97 | | 1.76 | | 0.228 | 0.384 | | 0.493 | | 1.35 | 31 |
| TOTAL | 39.590 | 19.902 | 128.298 | 82.894 | 16.194 | 28.700 | 23.221 | 12.987 | 19.550 | 18.915 | 45.998 | 72.264 | TOTAL |
| MEAN | 1.28 | 0.711 | 4.14 | 2.76 | 0.522 | 0.957 | 0.752 | 0.419 | 0.652 | 0.610 | 1.53 | 2.33 | MEAN |
| MAX | 1.85 | 1.20 | 21.5 | 18.5 | 1.76 | 2.93 | 4.44 | 2.24 | 3.16 | 1.89 | 7.37 | 8.26 | MAX |
| MIN | 0.840 | 0.580 | 0.898 | 0.594 | 0.179 | 0.217 | 0.173 | 0.148 | 0.181 | 0.307 | 0.431 | 0.794 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 21.5 ON MAR 8
MINIMUM DAILY, 0.148 ON AUG 24
MAXIMUM INSTANTANEOUS,
32.2 AT 03:25 EST ON MAR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 30 N
LONG 79 13 55 W
DRAINAGE AREA, 186 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 420 | JUL | 2 010 |
| FEB | 1 720 | AUG | 1 120 |
| MAR | 11 100 | SEP | 1 690 |
| APR | 7 130 | OCT | 1 630 |
| MAY | 1 400 | NOV | 3 970 |
| JUN | 2 220 | DEC | 6 240 |

TOTAL DISCHARGE, 43 700 dam³

## RUSCOM RIVER NEAR RUSCOM STATION - STATION NO 02GH002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.04 | 0.2258 | 8.10 B | 1.51 | 0.099 | 0.031 | 1.36 | 0.021 | 0.122E | 0.072E | 0.180E | 1.86 | 1 |
| 2 | 1.18 | 0.2228 | 9.18 | 4.43 | 0.083 | 0.079 | 0.582 | 0.027 | 0.108E | 0.077E | 1.17 E | 2.22 | 2 |
| 3 | 1.21 | 0.2188 | 4.18 | 2.18 | 0.108 | 1.85 | 0.177 | 0.080 | 0.080E | 0.072E | 0.730E | 1.38 | 3 |
| 4 | 0.8308 | 0.2158 | 1.88 | 1.35 | 0.112 | 1.05 | 1.15 A | 0.080 | 0.058E | 0.060E | 0.575A | 2.40 | 4 |
| 5 | 0.8458 | 0.2128 | 1.39 | 5.72 | 0.077 | 0.444 | 0.717 | 0.070 | 0.050E | 0.055E | 0.291 | 2.43 | 5 |
| 6 | 0.8108 | 0.2108 | 1.59 | 5.22 | 0.089 | 0.281 | 0.178 | 0.044 | 0.055E | 0.048E | 0.107 | 1.33 | 6 |
| 7 | 1.50 B | 0.2408 | 2.14 | 3.63 | 0.071 | 0.245 | 0.109 | 0.031 | 0.047E | 0.045E | 0.058 | 0.993 | 7 |
| 8 | 1.82 B | 0.2788 | 1.89 | 1.83 | 0.072 | 0.208 | 0.088 | 0.025 | 0.042E | 0.043E | 0.052 | 1.84 | 8 |
| 9 | 1.10 B | 0.3308 | 1.19 | 1.05 | 0.062 | 0.147 | 0.083 | 0.131 | 0.035E | 0.050E | 0.186 | 3.53 | 9 |
| 10 | 0.8908 | 0.3188 | 0.4208 | 0.760 | 0.056 | 0.075 | 0.452 | 0.244 | 0.050E | 0.070E | 0.199 | 2.30 | 10 |
| 11 | 0.8608 | 0.3008 | 0.3308 | 0.618 | 0.055 | 0.038 | 1.01 | 0.072 | 1.30 E | 0.115E | 0.117 | 1.33 | 11 |
| 12 | 0.8108 | 0.4008 | 0.3088 | 0.568 | 0.057 | 0.048 | 0.281 | 0.034 | 0.850E | 0.122E | 0.095 | 4.78 | 12 |
| 13 | 0.8808 | 0.5808 | 0.308 | 0.471 | 0.062 | 0.092 | 0.078 | 0.022 | 0.550E | 0.071A | 0.094 | 2.18 | 13 |
| 14 | 0.878 | 0.5008 | 0.315 | 0.374 | 0.068 | 0.068 | 0.574 | 0.010 | 0.340E | 0.056 | 0.083 | 1.13 | 14 |
| 15 | 12.0 | 0.4808 | 0.320 | 0.880 | 0.315 | 0.040 | 0.398 | 0.008 | 0.285E | 0.053 | 0.084 | 15.4 | 15 |
| 16 | 4.30 | 0.4458 | 0.327 | 1.22 | 0.100 | 0.063 | 0.084 | 0.006 | 0.500E | 0.039 | 0.083 | 11.1 | 16 |
| 17 | 1.15 B | 0.3708 | 0.485 | 0.888 | 0.056 | 0.035 | 0.048 | 0.005 | 1.37 A | 0.045 | 0.141 | 3.50 | 17 |
| 18 | 0.8908 | 0.3108 | 0.806 | 0.574 | 0.065 | 0.011 | 0.041 | 0.005 | 1.28 | 0.058 | 0.340 | 1.50 B | 18 |
| 19 | 0.4008 | 0.2858 | 0.578 | 0.412 | 0.128 | 0.007 | 0.033 | 0.007 | 1.38 | 0.058 | 0.278 | 1.22 | 19 |
| 20 | 0.3358 | 0.2858 | 0.480 | 0.341 | 0.123 | 0.007 | 0.026 | 0.005 | 1.06 | 0.054 | 0.2308 | 11.2 | 20 |
| 21 | 0.3208 | 0.2558 | 0.388 | 0.322 | 0.089 | 0.022 | 0.023 | 0.006 | 0.782A | 0.058A | 0.178 | 5.55 | 21 |
| 22 | 0.3008 | 0.2808 | 0.314 | 0.278 | 0.071 | 0.335 | 0.021 | 0.033 | 0.905E | 0.085E | 0.185 | 2.03 | 22 |
| 23 | 0.2858 | 0.3108 | 0.271 | 0.260 | 0.060 | 0.128 | 0.023 | 0.043 | 0.808E | 0.220E | 0.188 | 1.48 | 23 |
| 24 | 0.2758 | 0.3508 | 0.256 | 0.215 | 0.043 | 0.027 | 0.018 | 0.034 | 0.418E | 0.350E | 0.283 | 1.84 | 24 |
| 25 | 0.2658 | 0.3908 | 0.273 | 0.147 | 0.036 | 0.020 | 0.025 | 0.023 | 0.233E | 0.480E | 4.25 | 5.86 | 25 |
| 26 | 0.2578 | 0.5008 | 0.288 | 0.127 | 0.033 | 0.688A | 0.020 | 0.089 | 0.134E | 0.275E | 12.3 | 2.73 | 26 |
| 27 | 0.2508 | 0.6008 | 0.229 | 0.142 | 0.029 | 0.315 | 0.023 | 1.31 | 0.077E | 0.840E | 3.55 | 1.39 | 27 |
| 28 | 0.2458 | 0.9008 | 0.202 | 0.184 | 0.024 | 0.084 | 0.024 | 1.31 | 0.084E | 0.680E | 1.73 | 0.9008 | 28 |
| 29 | 0.2378 | | 0.182 | 0.140 | 0.028 | 0.103 | 0.020 | 0.543A | 0.057E | 0.425E | 3.55 | 0.5908 | 29 |
| 30 | 0.2328 | | 1.07 | 0.121 | 0.023 | 1.26 | 0.019 | 0.410E | 0.085E | 0.230E | 2.83 | 0.4058 | 30 |
| 31 | 0.2288 | | 1.80 | | 0.022 | | 0.019 | 0.225E | | 0.215E | | 0.3608 | 31 |
| TOTAL | 35.092 | 9.932 | 40.789 | 35.707 | 2.366 | 7.819 | 7.845 | 4.934 | 12.904 | 5.089 | 34.200 | 98.858 | TOTAL |
| MEAN | 1.13 | 0.355 | 1.32 | 1.19 | 0.076 | 0.261 | 0.247 | 0.159 | 0.430 | 0.183 | 1.14 | 3.12 | MEAN |
| MAX | 12.0 | 0.900 | 9.18 | 5.72 | 0.315 | 1.85 | 1.38 | 1.31 | 1.38 | 0.840 | 12.3 | 15.4 | MAX |
| MIN | 0.228 | 0.210 | 0.182 | 0.121 | 0.022 | 0.007 | 0.018 | 0.005 | 0.035 | 0.039 | 0.052 | 0.360 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.803
MAXIMUM DAILY, 15.4 ON DEC 15
MINIMUM DAILY, 0.005 ON AUG 18
MAXIMUM INSTANTANEOUS,
32.5 AT 19:22 EST ON DEC 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 54 N
LONG 82 37 00 W
DRAINAGE AREA, 125 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 030 | JUL | 681 |
| FEB | 858 | AUG | 426 |
| MAR | 3 520 | SEP | 1 110 |
| APR | 3 090 | OCT | 437 |
| MAY | 204 | NOV | 2 950 |
| JUN | 876 | DEC | 8 260 |

TOTAL DISCHARGE, 25 300 dam³

## SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE - STATION NO 04CD002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 26.9 | 21.7 | 18.4 | 16.5 | 36.2 | 30.5 | 27.2E | 27.8 | 48.6 | 44.6 | 42.2 | 35.3 | 1 |
| 2 | 27.1 | 21.5 | 18.4 | 16.4 | 37.2 | 30.0 | 27.1E | 26.6 | 51.9 | 44.7 | 42.2 | 34.9 | 2 |
| 3 | 26.9 | 21.3 | 18.4 | 16.6 | 37.9 | 29.1 | 27.1E | 25.3 | 53.2 | 45.6 | 42.4 | 34.4 | 3 |
| 4 | 26.5 | 21.4 | 18.4 | 16.3 | 38.2 | 27.6 | 27.0E | 26.6 | 52.4 | 43.2 | 40.5 | 34.2 | 4 |
| 5 | 26.6 | 21.2 | 17.9 | 16.9 | 37.9 | 28.6 | 26.9E | 26.8 | 51.5 | 39.9 | 39.4 | 33.8 | 5 |
| 6 | 26.3 | 20.9 | 17.4 | 16.3 | 36.9 | 28.7 | 26.8E | 26.3 | 52.6 | 41.1 | 40.2 | 33.4 | 6 |
| 7 | 26.0 | 20.6 | 17.3 | 16.4 | 37.3 | 28.1 | 26.7E | 27.2 | 52.7 | 42.7 | 40.2 | 33.4 | 7 |
| 8 | 26.3 | 20.6 | 17.1 | 16.3 | 38.1 | 28.4 | 26.6E | 27.6 | 52.5 | 42.9 | 39.7 | 33.9 | 8 |
| 9 | 25.8 | 20.7 | 17.3 | 16.2 | 35.9 | 28.7 | 26.4E | 26.5 | 52.7 | 41.4 | 39.6 | 33.8 | 9 |
| 10 | 25.4 | 20.6 | 17.3 | 16.1 | 35.0 | 29.1 | 26.2E | 27.7 | 51.8 | 42.5 | 39.6 | 33.4 | 10 |
| 11 | 25.6 | 20.1 | 17.0 | 16.5 | 36.8 | 29.0 | 25.7E | 28.4 | 51.2 | 43.3 | 39.3 | 32.7 | 11 |
| 12 | 25.5 | 19.7 | 16.7 | 16.1 | 30.2 | 28.4 | 26.2 | 28.6 | 50.9 | 44.0 | 39.5 | 32.3 | 12 |
| 13 | 25.4 | 20.0 | 16.8 | 16.0 | 29.0 | 28.5 | 26.7 | 31.4 | 51.3 | 44.6 | 39.2 | 32.5 | 13 |
| 14 | 24.3 | 20.0 | 16.6 | 15.3 | 27.7 | 26.7 | 26.4 | 31.5 | 51.0 | 41.2 | 38.6 | 32.4 | 14 |
| 15 | 24.5 | 19.4 | 16.5 | 16.2 | 30.6 | 26.3 | 27.1 | 31.4 | 50.5 | 43.6 | 40.0 | 32.2 | 15 |
| 16 | 24.0 | 19.4 | 16.4 | 16.2 | 27.8 | 26.7 | 27.4 | 33.9 | 51.0 | 43.3 | 38.5 | 31.7 | 16 |
| 17 | 24.0 | 19.4 | 16.6 | 16.8 | 29.0 | 28.3 | 26.0 | 38.3 | 51.3 | 44.0 | 38.8 | 31.4 | 17 |
| 18 | 23.8 | 19.1 | 16.5 | 17.6 | 30.5 | 28.7E | 27.1 | 37.3 | 51.1 | 42.8 | 38.3 | 31.4 | 18 |
| 19 | 23.4 | 19.1 | 16.5 | 16.2 | 30.5 | 28.6E | 27.9 | 38.7 | 50.0 | 42.0 | 38.0 | 31.2 | 19 |
| 20 | 23.1 | 19.0 | 16.4 | 16.5 | 28.5 | 28.4E | 28.4 | 40.7 | 48.1 | 41.2 | 37.8 | 30.8 | 20 |
| 21 | 23.1 | 19.1 | 16.1 | 20.5 | 26.5 | 28.3E | 27.8 | 40.8 | 48.4 | 42.3 | 37.3 | 30.1 | 21 |
| 22 | 22.9 | 18.9 | 16.0 | 21.3 | 29.2 | 28.2E | 28.4 | 39.2 | 48.3 | 42.3 | 37.1 | 30.0 | 22 |
| 23 | 22.7 | 18.6 | 15.7 | 21.2 | 29.3 | 28.1E | 27.6 | 43.1 | 44.6 | 42.6 | 37.1 | 29.8 | 23 |
| 24 | 22.4 | 18.4 | 15.4 | 22.2 | 28.8 | 28.0E | 27.4 | 43.6 | 44.8 | 43.7 | 36.9 | 29.4 | 24 |
| 25 | 22.7 | 18.4 | 14.9 | 23.4 | 26.7 | 27.9E | 26.0 | 46.1 | 45.6 | 45.0 | 36.7 | 29.0 | 25 |
| 26 | 22.4 | 18.5 | 15.0 | 24.0 | 28.7 | 27.6E | 27.3 | 47.7 | 45.8 | 42.4 | 38.9 | 28.8 | 26 |
| 27 | 22.3 | 18.5 | 14.8 | 23.5 | 28.4 | 27.7E | 28.2 | 48.2 | 46.0 | 40.0 | 38.5 | 28.8 | 27 |
| 28 | 22.1 | 18.5 | 14.8 | 24.4 | 28.3 | 27.6E | 28.3 | 50.1 | 44.9 | 41.1 | 38.5 | 28.8 | 28 |
| 29 | 22.0 | | 14.7 | 23.8 | 28.3 | 27.5E | 27.5 | 50.4 | 44.8 | 41.1 | 38.4 | 28.5 | 29 |
| 30 | 22.0 | | 14.8 | 25.8 | 28.0 | 27.4E | 28.2 | 48.4 | 44.4 | 41.2 | 38.2 | 28.2 | 30 |
| 31 | 21.8 | | 14.7 | | 28.0 | | 28.0 | 47.0 | | 41.4 | | 27.9 | 31 |
| TOTAL | 753.9 | 554.7 | 510.8 | 537.5 | 881.4 | 849.8 | 843.6 | 1 110.2 | 1 485.5 | 1 321.6 | 1 183.8 | 976.4 | TOTAL |
| MEAN | 24.3 | 19.8 | 16.5 | 17.9 | 28.4 | 28.3 | 27.2 | 35.8 | 49.5 | 42.6 | 38.8 | 31.5 | MEAN |
| MAX | 27.1 | 21.7 | 18.4 | 25.8 | 30.5 | 30.5 | 28.4 | 50.4 | 53.2 | 45.6 | 42.4 | 35.3 | MAX |
| MIN | 21.8 | 18.4 | 14.7 | 14.1 | 25.9 | 28.1 | 25.7 | 25.3 | 44.4 | 39.9 | 36.2 | 27.9 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.1
MAXIMUM DAILY, 53.2 ON SEP 3
MINIMUM DAILY, 14.1 ON APR 10
MAXIMUM INSTANTANEOUS,
54.6 AT 15:48 EST ON SEP 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 59 40 N
LONG 92 08 50 W
DRAINAGE AREA, 4 270 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 85 100 | JUL | 72 900 |
| FEB | 47 900 | AUG | 95 900 |
| MAR | 44 100 | SEP | 128 000 |
| APR | 46 400 | OCT | 114 000 |
| MAY | 76 200 | NOV | 101 000 |
| JUN | 73 400 | DEC | 84 900 |

TOTAL DISCHARGE, 949 000 dam³

## SALMON RIVER NEAR SHANNONVILLE - STATION NO. 02HM003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.3 | 5.198 | 4.53 | 86.2 | 13.6 | 4.30 | 1.75 | 0.628 | 0.146 | 0.383 | 1.14 | 35.3 | 1 |
| 2 | 13.5 B | 5.508 | 7.86 | 97.3 | 12.4 | 3.92 | 1.71 | 0.614 | 0.120 | 0.365 | 1.08 | 34.9 | 2 |
| 3 | 12.6 B | 5.66 | 9.78 | 86.1 | 11.3 | 3.83 | 1.73 | 0.606 | 0.105 | 0.369 | 1.11 | 31.4 | 3 |
| 4 | 11.4 B | 5.54 | 10.2 | 57.5 | 10.4 | 4.16 | 1.65 | 0.580 | 0.078 | 0.376 | 1.30 | 28.5 | 4 |
| 5 | 11.6 B | 5.02 | 10.5 | 70.0 | 9.66 | 3.92 | 1.66 | 0.574 | 0.071 | 0.365 | 1.43 | 25.6 | 5 |
| 6 | 11.5 B | 5.16 | 10.7 | 74.2 | 9.26 | 3.68 | 1.76 | 0.531 | 0.067 | 0.367 | 1.53 | 23.3 | 6 |
| 7 | 11.0 | 5.27 | 14.0 | 72.9 | 8.83 | 3.55 | 1.65 | 0.513 | 0.081 | 0.407 | 1.65 | 21.2 | 7 |
| 8 | 10.1 | 5.16 | 24.9 | 66.4 | 7.89 | 3.77 | 1.65 | 0.493 | 0.087 | 0.674 | 2.01 | 20.5 | 8 |
| 9 | 10.2 | 4.52 | 28.3 | 64.4 | 7.44 | 3.58 | 1.62 | 0.430 | 0.098 | 0.830 | 3.59 | 20.8 | 9 |
| 10 | 9.68 | 4.858 | 22.3 | 60.4 | 7.13 | 3.85 | 1.53 | 0.413 | 0.084 | 0.844 | 4.24 | 22.5 | 10 |
| 11 | 9.44 | 4.828 | 21.8 | 57.4 | 6.94 | 3.84 | 1.43 | 0.374 | 0.078 | 0.837 | 4.23 | 22.4 | 11 |
| 12 | 9.26 | 4.708 | 19.4 | 54.0 | 6.30 | 3.61 | 1.37 | 0.348 | 0.101 | 0.772 | 4.14 | 22.5 | 12 |
| 13 | 9.05 | 4.608 | 17.3 | 50.7 | 5.78 | 3.78 | 1.26 | 0.330 | 0.131 | 0.707 | 4.19 | 22.5 | 13 |
| 14 | 8.55 | 4.438 | 16.2 | 47.1 | 5.30 | 3.76 | 1.39 | 0.302 | 0.153 | 0.644 | 4.17 | 22.0 | 14 |
| 15 | 8.62 | 4.208 | 15.3 | 43.6 | 5.48 | 3.73 | 1.69 | 0.288 | 0.208 | 0.591 | 4.09 | 21.3 | 15 |
| 16 | 8.09 | 4.188 | 14.8 | 40.6 | 5.16 | 3.51 | 1.85 | 0.242 | 0.278 | 0.540 | 3.87 | 21.2 | 16 |
| 17 | 8.28 | 4.108 | 15.3 | 37.4 | 4.80 | 3.47 | 1.78 | 0.204 | 0.337 | 0.518 | 3.86 | 21.3 | 17 |
| 18 | 8.80 | 4.088 | 18.1 | 34.1 | 4.34 | 3.38 | 1.80 | 0.188 | 0.368 | 0.492 | 5.86 | 18.5 | 18 |
| 19 | 8.30 | 4.008 | 17.7 | 30.8 | 4.09 | 3.33 | 1.53 | 0.184 | 0.350 | 0.480 | 7.08 | 20.0 | 19 |
| 20 | 8.31 | 3.988 | 19.1 | 27.8 | 3.91 | 3.07 | 1.41 | 0.135 | 0.383 | 0.487 | 7.28 | 20.5 | 20 |
| 21 | 8.208 | 3.958 | 19.0 | 25.3 | 3.81 | 2.80 | 1.33 | 0.109 | 0.498 | 0.481 | 8.94 | 26.1 | 21 |
| 22 | 8.008 | 3.888 | 21.4 | 22.6 | 3.88 | 2.68 | 1.26 | 0.132 | 0.479 | 0.448 | 8.42 | 24.6 | 22 |
| 23 | 8.808 | 4.08 | 25.1 E | 19.9 | 3.84 | 2.47 | 1.22 | 0.121 | 0.498 | 0.516 | 8.46 | 23.6 | 23 |
| 24 | 8.508 | 4.10 | 26.7 E | 18.6 | 3.70 | 2.22 | 1.19 | 0.108 | 0.582 | 0.653 | 8.76 | 22.5 | 24 |
| 25 | 8.408 | 3.95 | 27.7 | 17.5 | 3.54 | 2.11 | 1.39 | 0.093 | 0.585 | 0.741 | 7.52 | 25.3 | 25 |
| 26 | 8.358 | 3.85 | 31.6 | 16.0 | 3.46 | 2.13 | 1.32 | 0.091 | 0.487 | 0.841 | 8.87 | 27.6 | 26 |
| 27 | 8.308 | 3.79 | 32.0 | 14.3 | 3.74 | 2.16 | 1.15 | 0.103 | 0.443 | 0.986 | 10.1 | 25.8 | 27 |
| 28 | 8.258 | 3.82 | 31.0 | 14.9 | 4.27 | 2.05 | 0.958 | 0.089 | 0.423 | 1.08 | 10.4 | 22.4 | 28 |
| 29 | 8.208 | | 29.6 | 15.0 | 4.48 | 1.83 | 0.848 | 0.089 | 0.415 | 1.12 | 10.1 | 18.18 | 29 |
| 30 | 8.158 | | 30.6 | 14.5 | 4.45 | 1.76 | 0.735 | 0.108 | 0.422 | 1.14 | 36.1 | 17.08 | 30 |
| 31 | 8.308 | | 48.9 | | 4.35 | | 0.885 | 0.111 | | 1.12 | | 16.28 | 31 |
| TOTAL | 254.77 | 126.21 | 639.47 | 1 239.5 | 193.02 | 98.49 | 44.514 | 8.111 | 8.080 | 20.072 | 188.47 | 727.4 | TOTAL |
| MEAN | 8.22 | 4.51 | 20.6 | 41.3 | 6.23 | 3.22 | 1.44 | 0.294 | 0.268 | 0.647 | 6.22 | 23.5 | MEAN |
| MAX | 14.3 | 5.66 | 48.9 | 74.2 | 13.6 | 4.30 | 1.85 | 0.628 | 0.585 | 1.14 | 36.1 | 35.3 | MAX |
| MIN | 8.16 | 3.79 | 4.53 | 14.3 | 3.46 | 1.76 | 0.665 | 0.091 | 0.061 | 0.357 | 1.08 | 16.2 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.71
MAXIMUM DAILY, 74.2 ON APR 6
MINIMUM DAILY, 0.061 ON SEP 7
MAXIMUM INSTANTANEOUS,
76.2 AT 18:30 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 12 28 N
LONG 77 12 35 W
DRAINAGE AREA, 881 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 22 000 | JUL | 3 650 |
| FEB | 10 900 | AUG | 787 |
| MAR | 55 300 | SEP | 898 |
| APR | 107 000 | OCT | 1 730 |
| MAY | 16 700 | NOV | 18 100 |
| JUN | 8 340 | DEC | 62 800 |

TOTAL DISCHARGE, 306 000 dam³

## SALVESEN LAKE NEAR OUTLET - STATION NO 05QE011

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.483E | 0.415E | 0.420E | 0.455 | 0.781 | 0.551 | 0.384 | 0.374 | 0.353 | 0.263 | 0.210 | 0.188 | 1 |
| 2 | 0.483E | 0.418E | 0.427E | 0.457 | 0.771 | 0.537 | 0.397 | 0.378 | 0.348 | 0.258 | 0.210 | 0.182 | 2 |
| 3 | 0.483E | 0.418E | 0.430E | 0.480 | 0.767 | 0.526 | 0.397 | 0.376 | 0.348 | 0.254 | 0.208 | 0.179 | 3 |
| 4 | 0.483E | 0.417E | 0.424E | 0.483 | 0.748 | 0.528 | 0.394 | 0.373 | 0.342 | 0.254 | 0.205 | 0.180 | 4 |
| 5 | 0.481E | 0.415E | 0.418E | 0.470 | 0.733 | 0.526 | 0.390 | 0.372 | 0.338 | 0.253 | 0.200 | 0.181 | 5 |
| 6 | 0.481E | 0.413E | 0.416E | 0.481 | 0.715 | 0.527 | 0.385 | 0.374 | 0.338 | 0.248 | 0.198 | 0.182 | 6 |
| 7 | 0.480E | 0.412E | 0.410E | 0.500 | 0.707 | 0.521 | 0.382 | 0.378 | 0.339 | 0.244 | 0.200 | 0.185 | 7 |
| 8 | 0.480A | 0.411E | 0.408E | 0.540 | 0.683 | 0.512 | 0.378 | 0.376 | 0.330 | 0.245 | 0.195 | 0.188 | 8 |
| 9 | 0.456 | 0.410E | 0.402E | 0.588 | 0.586 | 0.508 | 0.374 | 0.376 | 0.325 | 0.248 | 0.193 | 0.189 | 9 |
| 10 | 0.456 | 0.409E | 0.398E | 0.648 | 0.670 | 0.504 | 0.371 | 0.371 | 0.322 | 0.242 | 0.191 | 0.189 | 10 |
| 11 | 0.458 | 0.408E | 0.398A | 0.688 | 0.654 | 0.508 | 0.374 | 0.383 | 0.320 | 0.242 | 0.194 | 0.194 | 11 |
| 12 | 0.458 | 0.407E | 0.381 | 0.711 | 0.643 | 0.508 | 0.375 | 0.382 | 0.321 | 0.243 | 0.194 | 0.199 | 12 |
| 13 | 0.458 | 0.406E | 0.390 | 0.728 | 0.633 | 0.501 | 0.371 | 0.380 | 0.320 | 0.241 | 0.193 | 0.199 | 13 |
| 14 | 0.454 | 0.404E | 0.391 | 0.743 | 0.629 | 0.492 | 0.367 | 0.390 | 0.318 | 0.237 | 0.193 | 0.198 | 14 |
| 15 | 0.443 | 0.403E | 0.392 | 0.751 | 0.617 | 0.481 | 0.369 | 0.392 | 0.318 | 0.234 | 0.197 | 0.196 | 15 |
| 16 | 0.437 | 0.402E | 0.391 | 0.770A | 0.610 | 0.478 | 0.374 | 0.391 | 0.315 | 0.233 | 0.203 | 0.193 | 16 |
| 17 | 0.440 | 0.401E | 0.390 | 0.778 | 0.602 | 0.474 | 0.371 | 0.384 | 0.312 | 0.232 | 0.202 | 0.190 | 17 |
| 18 | 0.440 | 0.400E | 0.390 | 0.788 | 0.590 | 0.466 | 0.368 | 0.385 | 0.310 | 0.230 | 0.198 | 0.192 | 18 |
| 19 | 0.435 | 0.399E | 0.390A | 0.815 | 0.577 | 0.464 | 0.368 | 0.386 | 0.308 | 0.228 | 0.193 | 0.194 | 19 |
| 20 | 0.435 | 0.398E | 0.392E | 0.820 | 0.570 | 0.458 | 0.368 | 0.387 | 0.301 | 0.227 | 0.189 | 0.193 | 20 |
| 21 | 0.434 | 0.397E | 0.394E | 0.830 | 0.577 | 0.452 | 0.380 | 0.383 | 0.298 | 0.225 | 0.192 | 0.192 | 21 |
| 22 | 0.430 | 0.398E | 0.398A | 0.831 | 0.574 | 0.448 | 0.384 | 0.387 | 0.294 | 0.223 | 0.192 | 0.189 | 22 |
| 23 | 0.422 | 0.398E | 0.399 | 0.838 | 0.568 | 0.438 | 0.383 | 0.384 | 0.292 | 0.222 | 0.193 | 0.191 | 23 |
| 24 | 0.417A | 0.395E | 0.404 | 0.834 | 0.566 | 0.427 | 0.381 | 0.379 | 0.287 | 0.221 | 0.188 | 0.188 | 24 |
| 25 | 0.413E | 0.397E | 0.420E | 0.833 | 0.562 | 0.417 | 0.380 | 0.377 | 0.280 | 0.219 | 0.188 | 0.183 | 25 |
| 26 | 0.410E | 0.398E | 0.435 | 0.828 | 0.563 | 0.418 | 0.389 | 0.374 | 0.280 | 0.220 | 0.188 | 0.188 | 26 |
| 27 | 0.408E | 0.403E | 0.441 | 0.823 | 0.568 | 0.411 | 0.387 | 0.373 | 0.277 | 0.217 | 0.190 | 0.189 | 27 |
| 28 | 0.407E | 0.410E | 0.444A | 0.814 | 0.568 | 0.408 | 0.388 | 0.372 | 0.277 | 0.218 | 0.190 | 0.189 | 28 |
| 29 | 0.406E | | 0.447A | 0.808 | 0.564 | 0.402 | 0.388 | 0.383 | 0.272 | 0.215 | 0.189 | 0.189 | 29 |
| 30 | 0.406E | | 0.452E | 0.792 | 0.562 | 0.395 | 0.387 | 0.388 | 0.268 | 0.212 | 0.188 | 0.188 | 30 |
| 31 | 0.410E | | 0.453 | | 0.561 | | 0.374 | 0.383 | | 0.209 | | 0.183 | 31 |
| MEAN | 0.440 | 0.406 | 0.411 | 0.696 | 0.633 | 0.478 | 0.372 | 0.380 | 0.312 | 0.234 | 0.196 | 0.189 | MEAN |
| MAX | 0.463 | 0.418 | 0.453 | 0.838 | 0.781 | 0.551 | 0.397 | 0.397 | 0.353 | 0.263 | 0.210 | 0.199 | MAX |
| MIN | 0.406 | 0.398 | 0.390 | 0.456 | 0.561 | 0.395 | 0.368 | 0.383 | 0.268 | 0.209 | 0.188 | 0.179 | MIN |

WATER LEVELS IN METRES

MEAN, 0.385
MAXIMUM DAILY, 0.838 ON APR 23
MINIMUM DAILY, 0.179 ON DEC 3
MAXIMUM INSTANTANEOUS,
0.837 AT 17:55 CST ON APR 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 18 N
LONG 94 28 33 W

A - MANUAL GAUGE

E - ESTIMATED

## SAUBLE RIVER AT ALLENFORD - STATION NO 02FA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.00 | 2.088 | 1.808 | 11.5 | 1.88 | 0.842 | 0.515 | 0.256 | 0.283 | 3.89 | 6.84 | 18.6 | 1 |
| 2 | 4.56 | 2.108 | 2.308 | 10.2 | 1.60 | 0.826 | 0.486 | 0.282 | 0.301 | 4.75 | 3.47 | 10.3 | 2 |
| 3 | 3.98 | 2.158 | 3.008 | 11.2 | 1.38 | 0.886 | 0.448 | 0.317 | 0.287 | 3.87 | 4.46 | 7.87 | 3 |
| 4 | 3.24 | 2.208 | 3.808 | 9.72 | 1.38 | 0.882 | 0.478 | 0.331 | 0.319 | 2.84 | 5.02 | 8.55 | 4 |
| 5 | 3.19 | 2.248 | 4.408 | 10.6 | 1.30 | 0.865 | 0.408 | 0.335 | 0.315 | 2.00 | 7.72 | 5.43 | 5 |
| 6 | 2.86 | 2.288 | 5.008 | 11.6 | 1.24 | 0.852 | 0.435 | 0.323 | 0.278 | 1.86 | 7.52 | 4.49 | 6 |
| 7 | 2.84 | 2.278 | 7.808 | 9.76 | 1.24 | 0.789 | 0.513 | 0.315 | 0.269 | 2.73 | 7.14 | 3.77 | 7 |
| 8 | 2.93 | 2.258 | 13.0 B | 7.84 | 1.16 | 0.820 | 0.745 | 0.342 | 0.259 | 2.78 | 10.5 | 3.87 | 8 |
| 9 | 2.98 | 2.238 | 23.4 B | 6.53 | 1.10 | 0.800 | 0.829 | 0.370 | 0.256 | 2.13 | 17.3 | 8.51 | 9 |
| 10 | 2.82 | 2.218 | 18.0 B | 5.35 | 0.952 | 0.746 | 0.821 | 0.386 | 0.240 | 1.79 | 10.8 | 10.1 | 10 |
| 11 | 2.87 | 2.188 | 11.0 B | 4.89 | 0.885 | 0.684 | 0.777 | 0.384 | 0.238 | 1.51 | 7.97 | 7.85 | 11 |
| 12 | 2.88 | 2.158 | 8.608 | 4.14 | 0.905 | 0.689 | 0.678 | 0.385 | 0.277 | 1.31 | 6.62 | 7.04 | 12 |
| 13 | 2.88 | 2.128 | 7.308 | 3.86 | 0.941 | 0.722 | 0.587 | 0.348 | 0.738 | 1.17 | 5.47 | 7.19 | 13 |
| 14 | 2.88 | 2.078 | 8.308 | 3.56 | 0.984 | 0.686 | 0.500 | 0.373 | 0.611 | 1.04 | 4.39 | 8.79 | 14 |
| 15 | 3.32 | 1.988 | 5.808 | 3.46 | 0.952 | 0.584 | 0.448 | 0.884 | 0.497 | 0.928 | 3.86 | 8.09A | 15 |
| 16 | 3.408 | 1.908 | 5.808 | 3.18 | 0.935 | 0.537 | 0.443 | 1.34 | 0.406 | 0.833 | 3.25 | 5.74 | 16 |
| 17 | 3.108 | 1.848 | 5.808 | 2.90 | 0.858 | 0.483 | 0.423 | 1.28 | 0.373 | 0.782 | 3.10 | 5.37 | 17 |
| 18 | 2.908 | 1.788 | 5.588 | 2.85 | 0.817 | 0.442 | 0.403 | 0.878 | 0.493 | 0.743 | 4.77 | 4.82 | 18 |
| 19 | 2.708 | 1.718 | 5.08 | 2.44 | 0.785 | 0.424 | 0.400 | 0.737 | 0.835 | 0.709 | 5.47 | 4.14 | 19 |
| 20 | 2.548 | 1.678 | 12.8 | 2.21 | 0.780 | 0.427 | 0.556 | 0.845 | 1.08 | 0.814 | 5.07 | 5.52 | 20 |
| 21 | 2.408 | 1.608 | 15.8 | 2.02 | 0.788 | 0.410 | 0.808 | 0.527 | 1.55 | 1.60 | 4.52 | 12.2 | 21 |
| 22 | 2.288 | 1.538 | 19.4 | 1.88 | 1.08 | 0.542 | 0.878 | 0.483 | 1.85 | 2.07 | 3.57 | 10.8 | 22 |
| 23 | 2.138 | 1.498 | 20.5 | 1.84 | 2.08 | 0.887 | 0.704 | 0.408 | 1.28 | 2.78 | 3.97 | 8.58 | 23 |
| 24 | 2.028 | 1.488 | 19.5 | 1.77 | 2.23 | 0.883 | 0.556 | 0.388 | 0.875 | 4.87 | 8.01 | 7.48 | 24 |
| 25 | 1.928 | 1.448 | 16.9 | 1.72 | 1.72 | 0.807 | 0.429 | 0.340 | 0.895 | 9.00 | 7.04 | 14.8 | 25 |
| 26 | 1.908 | 1.438 | 15.8 | 1.84 | 1.42 | 0.554 | 0.379 | 0.318 | 0.570 | 6.85 | 5.85 | 15.8 | 26 |
| 27 | 1.868 | 1.428 | 14.9 | 1.58 | 1.32 | 0.484 | 0.367 | 0.300 | 0.522 | 5.00 | 5.51 | 9.78 | 27 |
| 28 | 1.908 | 1.468 | 11.5 | 1.71 | 1.26 | 0.481 | 0.288 | 0.282 | 0.630 | 5.93 | 5.81 | 7.008 | 28 |
| 29 | 1.838 | | 8.44 | 1.49 | 1.08 | 0.508 | 0.280 | 0.278 | 0.888 | 10.3 | 17.0 | 4.708 | 29 |
| 30 | 1.878 | | 14.9 | 1.82 | 0.907 | 0.592 | 0.278 | 0.259 | 2.13 | 8.74 | 24.7 | 3.708 | 30 |
| 31 | 2.018 | | 16.1 | | 0.817 | | 0.254 | 0.269 | | 8.44 | | 3.058 | 31 |
| TOTAL | 86.19 | 53.21 | 339.08 | 145.48 | 36.431 | 19.832 | 16.068 | 14.283 | 19.507 | 108.887 | 215.83 | 236.05 | TOTAL |
| MEAN | 2.78 | 1.90 | 10.9 | 4.85 | 1.18 | 0.854 | 0.518 | 0.461 | 0.850 | 3.51 | 7.19 | 7.61 | MEAN |
| MAX | 5.00 | 2.29 | 23.4 | 11.6 | 2.23 | 0.985 | 0.878 | 1.34 | 2.13 | 10.3 | 24.7 | 18.6 | MAX |
| MIN | 1.88 | 1.42 | 1.80 | 1.58 | 0.780 | 0.410 | 0.254 | 0.256 | 0.238 | 0.709 | 3.10 | 3.05 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.54
MAXIMUM DAILY, 24.7 ON NOV 30
MINIMUM DAILY, 0.238 ON SEP 11
MAXIMUM INSTANTANEOUS,
29.7 AT 03:05 EST ON NOV 30

REMARKS - STATION ACTIVATED DEC 19 1986.

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 05 N
LONG 81 10 41 W
DRAINAGE AREA, 301 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 450 | JUL | 1 390 |
| FEB | 4 600 | AUG | 1 230 |
| MAR | 29 300 | SEP | 1 690 |
| APR | 12 600 | OCT | 9 410 |
| MAY | 3 150 | NOV | 18 600 |
| JUN | 1 700 | DEC | 20 400 |

TOTAL DISCHARGE, 112 000 dam³

## SAUBLE RIVER AT SAUBLE FALLS - STATION NO 02FA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.7 | 8.30 | 6.33 | 36.6 | 6.57 | 2.93 | 2.33 | 1.28 | 1.17 | 5.85 | 15.4 | 44.0 | 1 |
| 2 | 14.1 | 8.38 | 8.05 | 34.0 | 6.02 | 2.81 | 2.10 | 1.33 | 1.13 | 7.03 | 13.6 | 35.4 | 2 |
| 3 | 13.4 | 8.62 | 9.02 | 35.1 | 5.59 | 3.05 | 1.89 | 1.20 | 1.09 | 7.01 | 14.9 | 29.3 | 3 |
| 4 | 12.2 | 8.59 | 9.93 | 33.6 | 5.29 | 3.08 | 1.84 | 1.12 | 1.08 | 5.84 | 18.4 | 26.3 | 4 |
| 5 | 12.0 | 8.70 | 11.1 | 34.6 | 4.98 | 3.11 | 1.93 | 1.23 | 1.05 | 4.67 | 19.8 | 24.3 | 5 |
| 6 | 11.7 | 8.65 | 12.1 | 37.6 | 4.78 | 3.16 | 2.10 | 1.25 | 1.07 | 4.30 | 20.8 | 22.5 | 6 |
| 7 | 11.6 | 8.88 | 15.2 | 33.9 | 5.87 | 3.03 | 2.12 | 1.28 | 1.04 | 4.84 | 19.8 | 20.7 | 7 |
| 8 | 11.7 | 8.80 | 25.3 | 29.8 | 5.86 | 3.03 | 2.04 | 1.34 | 0.983 | 6.14 | 23.0 | 20.3 | 8 |
| 9 | 11.3 | 7.97 | 36.7 | 26.3 | 3.77 | 3.01 | 2.14 | 1.41 | 0.985 | 5.42 | 33.0 | 26.0 | 9 |
| 10 | 11.0 | 8.03 | 36.1 A | 24.2 | 3.23 | 2.85 | 2.45 | 1.43 | 0.985 | 4.70 | 31.5 | 32.2 | 10 |
| 11 | 10.9 | 8.08 | 29.5 | 22.5 | 3.31 | 2.69 | 2.31 | 1.35 | 0.979 | 4.22 | 25.2 | 26.6 | 11 |
| 12 | 10.8 | 8.38 | 24.2 | 21.0 | 3.41 | 2.71 | 2.12 | 1.29 | 1.05 | 4.14 | 22.1 | 26.6 | 12 |
| 13 | 10.7 | 8.16 | 20.0 | 19.8 | 3.32 | 2.88 | 2.00 | 1.23 | 1.33 | 4.04 | 20.4 | 27.5 | 13 |
| 14 | 10.7 | 7.86 | 17.6 | 18.6 | 3.30 | 2.80 | 1.85 | 1.34 | 1.51 | 3.95 | 19.0 | 27.4 | 14 |
| 15 | 11.1 | 7.45 | 16.7 | 17.6 | 3.37 | 2.44 | 1.85 | 2.04 | 1.38 | 3.34 | 17.7 | 26.1 | 15 |
| 16 | 11.8 | 7.11 | 16.4 | 16.4 | 3.28 | 2.24 | 1.79 | 2.05 | 1.21 | 3.25 | 16.5 | 25.5 | 16 |
| 17 | 11.4 | 7.04 | 16.4 | 15.5 | 3.15 | 2.19 | 1.71 | 2.22 | 1.35 | 3.20 | 15.6 | 23.5 | 17 |
| 18 | 10.8 | 6.84 | 17.2 | 14.6 | 2.98 | 2.16 | 1.61 | 2.06 | 1.67 | 3.27 | 17.3 | 23.6 | 18 |
| 19 | 10.4 | 6.62 | 20.2 | 14.3 | 2.90 | 2.11 | 1.62 | 1.80 | 1.88 | 3.25 | 18.9 | 22.5 | 19 |
| 20 | 8.94 | 6.48 | 25.5 | 13.9 | 2.86 | 2.06 | 1.58 | 1.84 | 2.00 | 5.73 | 19.6 | 23.5 | 20 |
| 21 | 8.69 | 6.41 | 31.8 | 13.1 | 2.89 | 2.02 | 1.58 | 1.82 | 2.80 | 7.37 | 18.2 | 30.9 | 21 |
| 22 | 9.32 | 6.33 | 38.8 | 12.4 | 3.42 | 2.26 | 1.70 | 1.61 | 2.92 | 7.99 | 16.5 | 34.3 | 22 |
| 23 | 9.02 | 6.31 | 39.7 | 11.4 | 3.82 | 2.82 | 1.76 | 1.40 | 2.83 | 8.76 | 16.4 | 32.2 | 23 |
| 24 | 7.82 | 6.20 | 40.0 | 10.8 | 4.15 | 2.50 | 1.86 | 1.28 | 2.36 | 10.2 | 21.0 | 29.5 | 24 |
| 25 | 8.57 | 6.12 | 37.8 | 10.3 | 3.91 | 2.33 | 1.56 | 1.26 | 1.93 | 15.9 | 22.1 | 26.3 | 25 |
| 26 | 8.28 | 5.96 | 39.1 | 9.89 | 3.80 | 2.34 | 1.50 | 1.21 | 1.88 | 16.2 | 21.0 | 43.6 | 26 |
| 27 | 8.35 | 5.90 | 38.2 | 9.47 | 3.50 | 2.24 | 1.42 | 1.16 | 1.58 | 16.6 | 20.8 | 38.4 | 27 |
| 28 | 8.47 | 5.84 | 33.6 | 9.85 | 3.26 | 2.00 | 1.38 | 1.16 | 1.80 | 22.0 | 20.8 | 29.8 | 28 |
| 29 | 8.46 | | 30.4 | 9.63 | 3.03 | 2.02 | 1.36 | 1.13 | 1.88 | 22.8 | 29.1 | 23.7 | 29 |
| 30 | 8.53 | | 35.6 | 8.49 | 2.82 | 2.19 | 1.26 | 1.10 | 3.13 | 22.5 | 45.8 | 23.0 | 30 |
| 31 | 8.42 | | 42.5 | | 2.87 | | 1.30 | 1.16 | | 18.5 | | 21.0 | 31 |
| TOTAL | 327.27 | 208.37 | 778.23 | 805.53 | 130.80 | 78.84 | 56.02 | 43.84 | 47.582 | 262.73 | 634.0 | 874.8 | TOTAL |
| MEAN | 10.6 | 7.44 | 25.1 | 20.2 | 3.80 | 2.55 | 1.81 | 1.42 | 1.59 | 8.48 | 21.1 | 28.2 | MEAN |
| MAX | 14.7 | 8.88 | 42.5 | 37.6 | 6.57 | 3.16 | 2.45 | 2.22 | 3.13 | 22.8 | 45.8 | 44.0 | MAX |
| MIN | 7.82 | 5.84 | 6.33 | 8.49 | 2.87 | 2.00 | 1.26 | 1.10 | 0.985 | 3.20 | 13.6 | 20.3 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 45.8 ON NOV 30
MINIMUM DAILY, 0.985 ON SEP 10
MAXIMUM INSTANTANEOUS,
48.4 AT 16:28 EST ON NOV 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 40 10 N
LONG 81 15 10 W
DRAINAGE AREA, 927 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 28 300 | JUL | 4 840 |
| FEB | 18 000 | AUG | 3 800 |
| MAR | 67 200 | SEP | 4 110 |
| APR | 52 300 | OCT | 22 700 |
| MAY | 10 400 | NOV | 54 800 |
| JUN | 6 810 | DEC | 75 500 |

TOTAL DISCHARGE, 349 000 dam³

## SAUGEEN RIVER ABOVE DURHAM - STATION NO. 02FC018

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.92 | 1.528 | 1.418 | 14.6 | 2.40 | 2.10 | 0.938 | 0.486 | 0.691 | 0.774 | 2.18 | 12.3 | 1 |
| 2 | 3.76 | 1.588 | 1.588 | 12.4 | 2.16 | 2.16 | 0.810 | 0.726 | 0.524 | 0.788 | 1.88 | 10.1 | 2 |
| 3 | 3.828 | 1.748 | 1.848 | 10.4 | 1.82 | 2.58 | 0.803 | 0.850 | 0.459 | 0.885 | 2.06 | 7.23 | 3 |
| 4 | 3.528 | 1.788 | 2.158 | 9.19 | 1.86 | 3.04 | 0.884 | 0.707 | 0.401 | 0.858 | 2.37 | 5.80 | 4 |
| 5 | 3.408 | 1.748 | 2.588 | 12.6 | 1.57 | 2.44 | 0.727 | 0.893 | 0.401 | 0.780 | 2.67 | 4.85 | 5 |
| 6 | 3.348 | 1.738 | 3.148 | 32.9 | 1.46 | 2.08 | 0.759 | 0.846 | 0.388 | 0.744 | 3.20 | 3.728 | 6 |
| 7 | 3.18 | 1.728 | 3.838 | 36.3 | 1.31 | 1.86 | 1.06 | 0.835 | 0.402 | 0.801 | 3.23 | 3.408 | 7 |
| 8 | 3.05 | 1.708 | 6.808 | 23.3 | 1.25 | 1.70 | 1.16 | 0.805 | 0.381 | 1.06 | 3.84 | 3.73 | 8 |
| 9 | 2.99 | 1.668 | 11.1 B | 14.1 | 1.21 | 1.85 | 1.00 | 0.759 | 0.384 | 1.03 | 5.84 | 4.89 | 9 |
| 10 | 2.88 | 1.628 | 14.2 B | 9.59 | 1.13 | 1.50 | 1.06 | 0.894 | 0.360 | 0.952 | 5.52 | 8.91 | 10 |
| 11 | 2.85 | 1.598 | 14.7 B | 7.61 | 1.17 | 1.48 | 1.03 | 0.778 | 0.425 | 0.844 | 4.19 | 10.3 | 11 |
| 12 | 2.86 | 1.568 | 12.5 B | 6.43 | 1.40 | 1.47 | 0.881 | 0.726 | 0.478 | 0.810 | 3.21 | 8.93 | 12 |
| 13 | 2.82 | 1.548 | 10.0 B | 5.72 | 1.40 | 1.34 | 0.953 | 0.689 | 0.455 | 0.739 | 2.84 | 7.46 | 13 |
| 14 | 2.86 | 1.528 | 7.868 | 5.23 | 1.46 | 1.88 | 1.73 | 0.780 | 0.388 | 0.677 | 2.63 | 6.30 | 14 |
| 15 | 2.96 | 1.488 | 7.108 | 5.47 | 1.56 | 2.23 | 1.46 | 1.13 | 0.380 | 0.689 | 3.47 | 4.92A | 15 |
| 16 | 3.24 | 1.468 | 5.968 | 5.97 | 1.42 | 1.63 | 1.24 | 0.882 | 0.378 | 0.632 | 2.34 | 3.59 | 16 |
| 17 | 3.508 | 1.428 | 4.548 | 5.33 | 1.43 | 1.26 | 1.06 | 0.889 | 0.478 | 0.816 | 2.29 | 3.78 | 17 |
| 18 | 3.288 | 1.398 | 4.088 | 4.86 | 1.36 | 1.06 | 0.895 | 0.780 | 0.522 | 0.720 | 2.44 | 4.378 | 18 |
| 19 | 2.928 | 1.388 | 4.11 | 4.06 | 1.25 | 0.871 | 0.910 | 0.846 | 0.471 | 0.699 | 2.85 | 4.58 | 19 |
| 20 | 2.608 | 1.378 | 4.96 | 3.61 | 1.20 | 0.763 | 2.32 | 0.874 | 0.597 | 0.733 | 2.87 | 4.72 | 20 |
| 21 | 2.228 | 1.368 | 6.33 | 3.16 | 1.23 | 0.731 | 2.04 | 0.520 | 0.894 | 0.780 | 2.218 | 5.75 | 21 |
| 22 | 2.058 | 1.348 | 6.97 | 2.79 | 1.84 | 0.805 | 2.19 | 0.530 | 0.755 | 0.782 | 2.388 | 7.00 | 22 |
| 23 | 1.938 | 1.338 | 14.5 | 2.84 | 2.47 | 1.18 | 1.72 | 0.460 | 0.637 | 0.854 | 2.488 | 6.50 | 23 |
| 24 | 1.878 | 1.318 | 22.2 | 2.50 | 2.58 | 1.47 | 1.33 | 0.441 | 0.571 | 1.24 | 3.37 | 5.94 | 24 |
| 25 | 1.788 | 1.288 | 29.6 | 2.37 | 2.32 | 1.48 | 1.08 | 0.424 | 0.518 | 2.21 | 5.31 | 5.08 | 25 |
| 26 | 1.738 | 1.288 | 38.6 | 2.21 | 2.01 | 1.17 | 0.834 | 0.383 | 0.478 | 2.27 | 4.86 | 11.4 | 26 |
| 27 | 1.708 | 1.248 | 32.4 | 2.22 | 1.76 | 0.952 | 0.730 | 0.408 | 0.488 | 2.37 | 4.88 | 10.7 B | 27 |
| 28 | 1.888 | 1.238 | 22.3 | 2.52 | 1.52 | 0.851 | 0.851 | 0.400 | 1.07 | 3.04 | 4.47 | 8.008 | 28 |
| 29 | 1.888 | | 16.2 | 2.81 | 1.36 | 0.837 | 0.595 | 0.416 | 0.767 | 3.09 | 5.87 | 5.908 | 29 |
| 30 | 1.638 | | 15.7 | 2.62 | 1.18 | 1.25 | 0.548 | 0.449 | 0.758 | 2.69 | 10.5 | 4.808 | 30 |
| 31 | 1.598 | | 19.4 | | 1.33 | | 0.519 | 0.637 | | 2.43 | | 4.208 | 31 |
| TOTAL | 83.44 | 41.61 | 352.61 | 255.33 | 49.35 | 48.030 | 33.928 | 19.875 | 15.824 | 37.876 | 108.58 | 202.04 | TOTAL |
| MEAN | 2.69 | 1.48 | 11.4 | 8.51 | 1.59 | 1.80 | 1.09 | 0.641 | 0.527 | 1.22 | 3.58 | 8.82 | MEAN |
| MAX | 3.92 | 1.76 | 38.6 | 36.3 | 2.58 | 3.88 | 2.32 | 1.13 | 1.07 | 3.09 | 10.5 | 12.3 | MAX |
| MIN | 1.59 | 1.23 | 1.41 | 2.21 | 1.13 | 0.731 | 0.519 | 0.383 | 0.380 | 0.616 | 1.88 | 3.40 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.42
MAXIMUM DAILY, 38.6 ON MAR 26
MINIMUM DAILY, 0.380 ON SEP 10
MAXIMUM INSTANTANEOUS,
41.7 AT 11:01 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 11 08 N
LONG 80 47 13 W
DRAINAGE AREA, 329 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 210 | JUL | 2 930 |
| FEB | 3 610 | AUG | 1 720 |
| MAR | 30 500 | SEP | 1 370 |
| APR | 22 100 | OCT | 3 280 |
| MAY | 4 280 | NOV | 8 210 |
| JUN | 4 150 | DEC | 17 500 |

TOTAL DISCHARGE, 106 000 dam³

## SAUGEEN RIVER NEAR PORT ELGIN - STATION NO. 02FC001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 53.2 | 30.48 | 28.08 | 177 | 39.0 | 23.6 | 22.3 | 11.3 | 12.6 | 25.2 | 45.5 | 180 | 1 |
| 2 | 51.1 | 31.08 | 31.08 | 152 | 36.5 | 24.2 | 19.6 | 11.3 | 13.4 | 27.1 | 38.7 | 134 | 2 |
| 3 | 46.88 | 31.28 | 35.08 | 142 | 34.6 | 26.3 | 17.6 | 13.9 | 13.3 | 36.0 | 36.8 | 108 | 3 |
| 4 | 41.08 | 31.28 | 42.08 | 130 | 32.8 | 29.3 | 16.6 | 16.9 | 12.0 | 22.7 | 40.8 | 86.6 | 4 |
| 5 | 37.78 | 31.08 | 50.08 | 124 | 30.9 | 28.1 | 16.3 | 15.6 | 11.5 | 20.4 | 43.1 | 70.9 | 5 |
| 6 | 43.98 | 30.48 | 58.08 | 157 | 30.1 | 26.9 | 16.6 | 13.8 | 10.3 | 19.1 | 44.68 | 60.2 | 6 |
| 7 | 42.28 | 30.48 | 73.78 | 186 | 28.7 | 25.7 | 16.2 | 13.1 | 10.4 | 23.4 | 52.7 | 52.4 | 7 |
| 8 | 41.88 | 30.08 | 82.08 | 185 | 27.9 | 24.9 | 21.2 | 13.1 | 10.6 | 37.1 | 85.1 | 46.8 | 8 |
| 9 | 40.08 | 29.88 | 100 B | 140 | 27.3 | 24.1 | 22.7 | 13.8 | 10.1 | 35.5 | 180 | 83.1 | 9 |
| 10 | 39.48 | 29.88 | 116 B | 108 | 26.3 | 22.0 | 22.4 | 17.5 | 9.82 | 28.1 | 126 | 86.6 | 10 |
| 11 | 38.08 | 29.28 | 125 B | 88.8 | 26.3 | 21.7 | 20.5 | 25.4 | 9.78 | 23.8 | 91.7 | 87.6 | 11 |
| 12 | 36.88 | 28.68 | 115 B | 78.1 | 26.9 | 20.0 | 18.3 | 21.1 | 12.3 | 20.7 | 72.2 | 88.6 | 12 |
| 13 | 38.08 | 27.98 | 86.08 | 73.4 | 27.4 | 20.6 | 17.0 | 17.4 | 12.9 | 19.1 | 59.8 | 85.7 | 13 |
| 14 | 39.88 | 27.28 | 65.88 | 66.9 | 27.1 | 20.4 | 16.0 | 15.8 | 12.7 | 18.0 | 50.9 | 78.6 | 14 |
| 15 | 41.08 | 26.68 | 76.48 | 65.5 | 26.8 | 19.2 | 16.5 | 23.0 | 11.7 | 16.8 | 44.7 | 69.9 | 15 |
| 16 | 45.58 | 25.38 | 86.58 | 84.7 | 27.0 | 18.6 | 21.1 | 30.6 | 11.1 | 15.5 | 39.7 | 66.5 | 16 |
| 17 | 42.88 | 26.08 | 83.88 | 83.4 | 26.3 | 17.5 | 18.8 | 23.6 | 10.7 | 14.8 | 37.4 | 60.5 | 17 |
| 18 | 40.28 | 25.78 | 82.48 | 80.3 | 25.8 | 16.7 | 16.8 | 22.3 | 15.8 | 14.5 | 42.2 | 56.28 | 18 |
| 19 | 37.58 | 25.28 | 74.8 | 88.2 | 25.4 | 15.8 | 16.0 | 19.3 | 16.5 | 15.1 | 48.4 | 51.68 | 19 |
| 20 | 36.08 | 24.68 | 96.0 | 91.5 | 24.9 | 15.9 | 19.7 | 16.3 | 17.7 | 18.4 | 64.88 | 84.3 | 20 |
| 21 | 33.08 | 24.58 | 116 | 47.8 | 25.2 | 16.6 | 32.0 | 14.8 | 18.5 | 21.4 | 42.08 | 130 | 21 |
| 22 | 31.08 | 24.28 | 138 | 44.7 | 30.0 | 16.1 | 30.8 | 14.1 | 21.5 | 23.6 | 37.38 | 112 | 22 |
| 23 | 32.48 | 24.18 | 169 | 43.1 | 31.3 | 22.6 | 26.4 | 12.3 | 20.3 | 31.4 | 39.1 | 96.3 | 23 |
| 24 | 31.48 | 24.08 | 199 | 41.3 | 30.4 | 34.8 | 21.4 | 11.9 | 17.4 | 44.3 | 56.7 | 85.7 | 24 |
| 25 | 23.08 | 23.98 | 222 | 39.3 | 29.3 | 27.8 | 18.8 | 11.8 | 16.4 | 69.6 | 85.8 | 134 | 25 |
| 26 | 25.58 | 24.08 | 284 | 37.8 | 28.3 | 23.4 | 19.2 | 10.8 | 13.8 | 86.0 | 86.8 | 180 | 26 |
| 27 | 28.08 | 24.88 | 272 | 37.0 | 26.8 | 20.7 | 18.1 | 10.7 | 12.8 | 87.1 | 80.4 | 125 B | 27 |
| 28 | 33.08 | 25.58 | 228 | 37.6 | 27.8 | 19.7 | 16.7 | 10.2 | 14.5 | 80.0 | 84.3 | 89.58 | 28 |
| 29 | 32.08 | | 178 | 40.5 | 28.2 | 17.4 | 13.8 | 10.4 | 18.3 | 72.1 | 138 | 79.78 | 29 |
| 30 | 31.08 | | 187 | 41.1 | 24.0 | 20.1 | 12.6 | 9.58 | 22.8 | 68.3 | 175 | 67.88 | 30 |
| 31 | 30.28 | | 203 | | 22.6 | | 12.2 | 10.4 | | 55.6 | | 80.18 | 31 |
| TOTAL | 1 146.2 | 788.7 | 3 559.2 | 2 593.8 | 881.8 | 660.0 | 598.8 | 482.85 | 423.10 | 1 026.5 | 1 837.4 | 2 728.8 | TOTAL |
| MEAN | 37.0 | 27.5 | 115 | 86.5 | 28.4 | 22.0 | 19.3 | 15.6 | 14.1 | 33.1 | 84.5 | 88.1 | MEAN |
| MAX | 53.2 | 31.2 | 272 | 186 | 39.0 | 34.8 | 32.0 | 30.6 | 22.8 | 80.0 | 175 | 180 | MAX |
| MIN | 21.4 | 23.9 | 28.0 | 37.0 | 22.6 | 15.8 | 12.2 | 9.58 | 9.78 | 14.5 | 36.8 | 46.6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.3
MAXIMUM DAILY, 272 ON MAR 27
MINIMUM DAILY, 9.58 ON AUG 30
MAXIMUM INSTANTANEOUS,
279 AT 02:38 EST ON MAR 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 33 N
LONG 81 19 36 W
DRAINAGE AREA, 3 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 99 000 | JUL | 51 700 |
| FEB | 68 400 | AUG | 41 700 |
| MAR | 316 000 | SEP | 35 600 |
| APR | 224 000 | OCT | 88 700 |
| MAY | 76 200 | NOV | 187 000 |
| JUN | 57 000 | DEC | 236 000 |

TOTAL DISCHARGE, 1 480 000 dam³

## SAUGEEN RIVER NEAR WALKERTON - STATION NO. 02FC002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 31.6 | 18.38 | 18.48 | 107 | 24.5 | 15.3 | 13.3 | 7.75 | 9.45 | 11.9 | 18.2 | 45.3 | 1 |
| 2 | 30.7 | 18.38 | 18.38 | 87.6 | 22.6 | 17.0 | 11.6 | 9.34 | 9.35 | 11.8 | 17.3 | 74.5 | 2 |
| 3 | 29.3 | 18.48 | 20.28 | 77.8 | 21.0 | 19.7 | 10.7 | 12.2 | 8.83 | 11.5 | 17.1 | 58.7 | 3 |
| 4 | 23.5 | 18.38 | 22.48 | 70.4 | 19.9 | 21.1 | 10.8 | 11.0 | 8.28 | 11.1 | 18.7 | 43.5 | 4 |
| 5 | 30.98 | 18.28 | 24.88 | 75.3 | 19.0 | 18.2 | 10.9 | 9.88 | 7.67 | 10.8 | 20.4 | 36.0 | 5 |
| 6 | 27.48 | 18.08 | 28.28 | 136 | 18.2 | 17.0 | 11.8 | 8.88 | 7.81 | 10.1 | 22.9 | 30.8 | 6 |
| 7 | 25.98 | 17.98 | 32.38 | 163 | 17.6 | 16.1 | 14.6 | 8.85 | 7.54 | 10.2 | 24.1 | 26.7 | 7 |
| 8 | 25.18 | 18.08 | 38.88 | 126 | 16.7 | 15.4 | 16.6 | 9.01 | 7.44 | 12.7 | 33.0 | 25.1 | 8 |
| 9 | 24.88 | 17.98 | 48.48 | 88.2 | 16.2 | 14.7 | 15.4 | 11.4 | 7.24 | 12.6 | 61.3 | 29.3 | 9 |
| 10 | 23.98 | 17.78 | 56.48 | 87.2 | 15.9 | 14.0 | 12.8 | 19.8 | 7.05 | 11.5 | 54.8 | 48.3 | 10 |
| 11 | 23.78 | 17.48 | 68.9 | 55.4 | 15.9 | 13.2 | 12.0 | 16.0 | 7.36 | 10.8 | 41.4 | 54.3 | 11 |
| 12 | 23.48 | 16.98 | 83.9 | 48.7 | 17.2 | 13.5 | 11.1 | 12.4 | 8.27 | 10.3 | 32.9 | 51.8 | 12 |
| 13 | 24.8 | 16.88 | 52.3 | 46.7 | 16.8 | 13.1 | 10.6 | 10.7 | 8.28 | 9.73 | 27.4 | 46.7 | 13 |
| 14 | 24.8 | 16.48 | 44.0 | 43.8 | 16.1 | 12.5 | 14.5 | 11.5 | 7.94 | 9.31 | 24.4 | 40.8 | 14 |
| 15 | 26.5 | 16.38 | 39.1 | 43.0 | 15.9 | 12.5 | 15.7 | 26.4 | 7.52 | 9.09 | 22.0 | 36.5 | 15 |
| 16 | 28.0 | 16.08 | 36.2 | 44.2 | 16.2 | 11.7 | 13.4 | 15.1 | 7.30 | 8.90 | 20.4 | 31.68 | 16 |
| 17 | 25.18 | 15.68 | 34.3 | 42.4 | 15.7 | 10.9 | 11.8 | 13.9 | 8.00 | 9.01 | 19.4 | 27.48 | 17 |
| 18 | 23.98 | 15.78 | 34.2 | 38.6 | 15.4 | 10.3 | 10.5 | 11.9 | 8.82 | 9.28 | 20.2 | 27.28 | 18 |
| 19 | 22.28 | 15.58 | 38.1 | 36.1 | 15.1 | 9.85 | 10.3 | 10.6 | 9.39 | 9.33 | 22.3 | 27.08 | 19 |
| 20 | 21.08 | 15.28 | 44.0 | 33.3 | 15.1 | 9.41 | 24.1 | 9.67 | 9.00 | 10.4 | 24.68 | 33.68 | 20 |
| 21 | 20.18 | 14.98 | 54.0 | 30.5 | 15.5 | 9.32 | 25.3 | 9.16 | 11.8 | 11.6 | 21.28 | 51.5 | 21 |
| 22 | 19.08 | 14.48 | 66.3 | 28.2 | 16.6 | 12.6 | 19.2 | 8.55 | 11.6 | 12.6 | 16.88 | 50.7 | 22 |
| 23 | 18.78 | 14.78 | 93.0 | 27.0 | 17.9 | 25.7 | 15.6 | 8.28 | 9.97 | 13.6 | 20.28 | 48.2 | 23 |
| 24 | 14.38 | 14.68 | 126 | 26.8 | 17.5 | 17.6 | 13.4 | 7.67 | 9.06 | 15.7 | 22.8 | 42.5 | 24 |
| 25 | 17.68 | 14.48 | 154 | 24.3 | 17.3 | 14.3 | 14.0 | 7.80 | 8.33 | 23.1 | 27.8 | 39.0 | 25 |
| 26 | 17.48 | 14.38 | 192 | 24.1 | 17.3 | 12.8 | 12.7 | 7.44 | 7.86 | 22.8 | 31.8 | 81.9 | 26 |
| 27 | 16.98 | 14.58 | 185 | 23.0 | 17.1 | 11.7 | 10.9 | 7.35 | 7.94 | 22.5 | 34.0 | 65.4 | 27 |
| 28 | 16.68 | 15.08 | 138 | 25.9 | 16.7 | 10.9 | 9.88 | 7.18 | 11.5 | 28.2 | 33.1 | 55.98 | 28 |
| 29 | 17.08 | | 103 | 28.1 | 16.7 | 10.6 | 9.01 | 7.22 | 11.7 | 27.7 | 48.8 | 39.08 | 29 |
| 30 | 17.88 | | 100 | 26.6 | 13.7 | 14.6 | 8.60 | 7.31 | 11.3 | 25.5 | 76.7 | 31.88 | 30 |
| 31 | 18.18 | | 124 | | 14.4 | | 8.18 | 8.55 | | 22.0 | | 30.48 | 31 |
| TOTAL | 710.2 | 459.9 | 2 096.7 | 1 695.5 | 529.6 | 425.78 | 410.26 | 332.75 | 262.94 | 435.45 | 879.7 | 1 386.0 | TOTAL |
| MEAN | 22.9 | 16.4 | 67.6 | 56.5 | 17.1 | 14.2 | 13.2 | 10.7 | 8.76 | 14.0 | 29.3 | 44.7 | MEAN |
| MAX | 31.6 | 18.4 | 192 | 163 | 24.5 | 25.7 | 26.3 | 26.4 | 11.7 | 28.2 | 76.7 | 85.3 | MAX |
| MIN | 14.3 | 14.3 | 18.8 | 23.0 | 13.7 | 9.32 | 8.18 | 7.18 | 7.05 | 8.90 | 17.1 | 26.1 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.4
MAXIMUM DAILY, 192 ON MAR 26
MINIMUM DAILY, 7.05 ON SEP 10
MAXIMUM INSTANTANEOUS,
203 AT 21:31 EST ON MAR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 07 13 N
LONG 81 06 55 W
DRAINAGE AREA, 2 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 61 400 | JUL | 35 400 |
| FEB | 39 700 | AUG | 28 700 |
| MAR | 181 000 | SEP | 32 700 |
| APR | 146 000 | OCT | 37 800 |
| MAY | 45 800 | NOV | 76 000 |
| JUN | 36 800 | DEC | 120 000 |

TOTAL DISCHARGE, 831 000 dam³

## SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GA037

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.130 | 0.092 | 1.16 | 0.845 | 0.187 | 0.678 | 0.085 | 0.089 | 0.150 | 0.138 | 0.142 | 0.312 | 1 |
| 2 | 0.129 | 0.130 | 0.816 | 0.663 | 0.142 | 0.428 | 0.072 | 5.08 | 0.167 | 0.398 | 0.158 | 0.274 | 2 |
| 3 | 0.111 | 0.178 | 0.276 | 0.532 | 0.102 | 0.241 | 5.04 | 0.310 | 0.184 | 0.124 | 0.240 | 0.272 | 3 |
| 4 | 0.101 | 0.168 | 0.232 | 0.498 | 0.133 | 0.149 | 0.232 | 0.216 | 0.135 | 0.074 | 0.190 | 0.233 | 4 |
| 5 | 0.143 | 0.143 | 0.230 | 3.00 | 0.158 | 0.135 | 0.122 | 0.175 | 0.108 | 0.110 | 0.183 | 0.172 | 5 |
| 6 | 0.158 | 0.140 | 0.436 | 1.60 | 0.180 | 0.087 | 1.24 | 0.167 | 0.085 | 0.184 | 0.245 | 0.144 | 6 |
| 7 | 0.177 | 0.137 | 2.01 | 0.760 | 0.185 | 0.120 | 3.36 | 2.98 | 0.087 | 0.594 | 0.158 | 0.178 | 7 |
| 8 | 0.180 | 0.107 | 2.37 | 0.478 | 0.161 | 0.213 | 3.89 | 0.185 | 0.158 | 0.148 | 0.588 | 0.263 | 8 |
| 9 | 0.130 | 0.137 | 1.07 | 0.380 | 0.122 | 0.145 | 0.378 | 1.88 | 0.175 | 0.126 | 0.309 | 1.05 | 9 |
| 10 | 0.118 | 0.122 | 0.401 | 0.324 | 0.108 | 0.140 | 0.301 | 0.218 | 0.185 | 0.087 | 0.188 | 0.404 | 10 |
| 11 | 0.109 | 0.125 | 0.381 | 0.258 | 0.214 | 0.145 | 0.191 | 0.175 | 0.849 | 0.083 | 0.180 | 0.283 | 11 |
| 12 | 0.134 | 0.150 | 0.338 | 1.13 | 0.183 | 0.380 | 0.152 | 0.161 | 1.00 | 0.071 | 0.187 | 0.474 | 12 |
| 13 | 0.171 | 0.134 | 0.231 | 0.628 | 0.158 | 0.108 | 0.174 | 0.146 | 0.135 | 0.113 | 0.185 | 0.280 | 13 |
| 14 | 0.191 | 0.082 | 0.188 | 0.408 | 1.18 | 0.070 | 1.18 | 0.155 | 0.128A | 0.128 | 0.132 | 0.228 | 14 |
| 15 | 0.431 | 0.078 | 0.185 | 0.378 | 0.232 | 0.117 | 0.184 | 0.120 | 0.185A | 0.128 | 0.101 | 0.344 | 15 |
| 16 | 0.244 | 0.085 | 0.199 | 0.280 | 0.107 | 0.148 | 0.173 | 0.274 | 0.318 | 0.127 | 0.126 | 0.485 | 16 |
| 17 | 0.163 | 0.100 | 0.239 | 0.221 | 0.081 | 0.150 | 0.148 | 0.188 | 0.718 | 0.140 | 0.191 | 0.294 | 17 |
| 18 | 0.108 | 0.105 | 0.298 | 0.194 | 0.370 | 0.140 | 0.104 | 0.159 | 0.434 | 0.123 | 0.218 | 0.258 | 18 |
| 19 | 0.124 | 0.116 | 0.361 | 0.185 | 0.145 | 0.149 | 1.18 | 0.184 | 0.183 | 0.115 | 0.158 | 0.218 | 19 |
| 20 | 0.139 | 0.126 | 0.434 | 0.181 | 0.190 | 0.093 | 0.355 | 0.150 | 0.116 | 0.147 | 0.184 | 3.41 | 20 |
| 21 | 0.153 | 0.112 | 0.426 | 0.170 | 0.181 | 0.081 | 0.090 | 0.181 | 1.18 | 0.284 | 0.110 | 0.943 | 21 |
| 22 | 0.158 | 0.074 | 0.431 | 0.185 | 0.194 | 2.81 | 0.084 | 0.123 | 0.257 | 0.610 | 0.074 | 0.513 | 22 |
| 23 | 0.158 | 0.103 | 0.486 | 0.480 | 0.121 | 0.194 | 0.080 | 0.094 | 0.155 | 0.367 | 0.122 | 0.374 | 23 |
| 24 | 0.095 | 0.116 | 0.482 | 0.209 | 0.075 | 0.144 | 3.09 | 0.140 | 0.128 | 1.29 | 0.148 | 0.335 | 24 |
| 25 | 0.070 | 0.138 | 1.50 | 0.153 | 0.118 | 0.139 | 0.345 | 0.189 | 0.124 | 0.280 | 4.24 | 1.90 | 25 |
| 26 | 0.118 | 0.137 | 0.906 | 0.117 | 0.149 | 0.230 | 0.184 | 0.238 | 0.098 | 0.174 | 0.771 | 0.526 | 26 |
| 27 | 0.118 | 0.141 | 0.416 | 0.488 | 0.151 | 0.100 | 0.093 | 0.299 | 0.118 | 1.28 | 0.335 | 0.331 | 27 |
| 28 | 0.127 | 0.114 | 0.294 | 0.248 | 0.138 | 0.085 | 0.088 | 0.206 | 0.138 | 0.254 | 0.245 | 0.207 | 28 |
| 29 | 0.130 | | 0.221 | 0.138 | 0.137 | 0.114 | 0.085 | 0.138 | 0.289 | 0.224 | 1.22 | 0.150 | 29 |
| 30 | 0.138 | | 1.46 | 0.147 | 0.331 | 0.118 | 0.108 | 0.098 | 0.242 | 0.178 | 0.537 | 0.131 | 30 |
| 31 | 0.124 | | 0.675 | | 0.258 | | 0.101 | 0.302 | | 0.135 | | 0.128 | 31 |
| TOTAL | 4.695 | 3.397 | 19.136 | 15.002 | 5.159 | 7.841 | 22.908 | 15.880 | 8.252 | 8.149 | 11.843 | 18.093 | TOTAL |
| MEAN | 0.147 | 0.121 | 0.617 | 0.500 | 0.166 | 0.255 | 0.739 | 0.515 | 0.275 | 0.283 | 0.385 | 0.487 | MEAN |
| MAX | 0.431 | 0.178 | 2.37 | 3.00 | 1.18 | 2.81 | 5.04 | 5.08 | 1.18 | 1.29 | 4.24 | 3.41 | MAX |
| MIN | 0.070 | 0.074 | 0.185 | 0.117 | 0.075 | 0.081 | 0.072 | 0.084 | 0.085 | 0.083 | 0.074 | 0.128 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.378
MAXIMUM DAILY, 5.08 ON AUG 2
MINIMUM DAILY, 0.081 ON JUN 21
MAXIMUM INSTANTANEOUS,
88.9 AT 13:13 EST ON AUG 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 26 22 N
LONG 80 28 34 W
DRAINAGE AREA, 29.1 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 394 | JUL | 1 980 |
| FEB | 294 | AUG | 1 380 |
| MAR | 1 650 | SEP | 713 |
| APR | 1 300 | OCT | 704 |
| MAY | 532 | NOV | 1 020 |
| JUN | 880 | DEC | 1 300 |

TOTAL DISCHARGE, 11 900 dam³

## SCHOMBERG RIVER NEAR SCHOMBERG - STATION NO. 02EC010

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.3198 | 0.1348 | 0.5508 | 1.00 B | 0.187 | 0.128 | 0.045 | 0.027 | 0.033 | 0.050 | 0.114 | 0.846 | 1 |
| 2 | 0.3118 | 0.1308 | 1.10 B | 0.897 | 0.173 | 0.107 | 0.046 | 0.082 | 0.030 | 0.054 | 0.082 | 0.410 | 2 |
| 3 | 0.2958 | 0.1488 | 1.55 B | 0.886 | 0.182 | 0.100 | 0.052 | 0.084 | 0.030 | 0.057 | 0.103 | 0.302 | 3 |
| 4 | 0.2808 | 0.1408 | 1.78 B | 1.18 | 0.148 | 0.077 | 0.049 | 0.045 | 0.028 | 0.049 | 0.122 | 0.250 | 4 |
| 5 | 0.2608 | 0.1378 | 1.81 B | 7.83 | 0.138 | 0.072 | 0.033 | 0.038 | 0.028 | 0.040 | 0.114 | 0.208 | 5 |
| 6 | 0.251 | 0.1388 | 1.52 B | 4.17 | 0.134 | 0.089 | 0.068 | 0.033 | 0.028 | 0.055 | 0.085 | 0.184 | 6 |
| 7 | 0.256 | 0.1328 | 5.50 | 1.94 | 0.120 | 0.079 | 0.130 | 0.031 | 0.028 | 0.048 | 0.087 | 0.184 | 7 |
| 8 | 0.2458 | 0.1408 | 7.31 | 1.10 | 0.118 | 0.089 | 0.882 | 0.033 | 0.030 | 0.128 | 0.105 | 0.176 | 8 |
| 9 | 0.2308 | 0.1388 | 3.33 | 0.785 | 0.103 | 0.088 | 0.784 | 0.102 | 0.034 | 0.080 | 0.114 | 0.327 | 9 |
| 10 | 0.2308 | 0.1328 | 1.43 B | 0.645 | 0.084 | 0.083 | 0.397 | 0.091 | 0.031 | 0.074 | 0.089 | 0.473 | 10 |
| 11 | 0.2328 | 0.1308 | 0.8858 | 0.557 | 0.086 | 0.081 | 0.274 | 0.066 | 0.030 | 0.077 | 0.083 | 0.389 | 11 |
| 12 | 0.2408 | 0.1288 | 0.6018 | 0.534 | 0.097 | 0.087 | 0.185 | 0.048 | 0.030 | 0.058 | 0.072 | 0.321 | 12 |
| 13 | 0.2408 | 0.1268 | 0.5088 | 0.584 | 0.087 | 0.315 | 0.089 | 0.038 | 0.043 | 0.042 | 0.078 | 0.287 | 13 |
| 14 | 0.2608 | 0.1238 | 0.4788 | 0.542 | 0.094 | 0.224 | 0.440 | 0.036 | 0.037 | 0.038 | 0.088 | 0.245 | 14 |
| 15 | 0.2758 | 0.1218 | 0.4458 | 0.638 | 0.100 | 0.125 | 0.281 | 0.035 | 0.032 | 0.048 | 0.078 | 0.238 | 15 |
| 16 | 0.2508 | 0.1208 | 0.4588 | 0.522 | 0.093 | 0.087 | 0.130 | 0.035 | 0.033 | 0.057 | 0.068 | 0.278 | 16 |
| 17 | 0.2208 | 0.1188 | 0.4408 | 0.417 | 0.082 | 0.074 | 0.078 | 0.041 | 0.042 | 0.058 | 0.074 | 0.240 | 17 |
| 18 | 0.2108 | 0.1188 | 0.4908 | 0.378 | 0.071 | 0.068 | 0.085 | 0.037 | 0.041 | 0.059 | 0.103 | 0.217 | 18 |
| 19 | 0.1858 | 0.1148 | 0.577 | 0.361 | 0.079 | 0.084 | 0.084 | 0.036 | 0.048 | 0.071 | 0.085 | 0.202 | 19 |
| 20 | 0.1808 | 0.1128 | 0.593 | 0.312 | 0.081 | 0.056 | 0.082 | 0.031 | 0.050 | 0.057 | 0.087 | 0.407 | 20 |
| 21 | 0.1808 | 0.1108 | 0.635 | 0.274 | 0.081 | 0.049 | 0.080 | 0.030 | 0.141 | 0.056 | 0.070 | 0.505 | 21 |
| 22 | 0.1708 | 0.1088 | 0.745 | 0.251 | 0.078 | 0.058 | 0.044 | 0.031 | 0.124 | 0.058 | 0.057 | 0.448 | 22 |
| 23 | 0.1658 | 0.1068 | 0.787 | 0.248 | 0.075 | 0.058 | 0.047 | 0.027 | 0.070 | 0.054 | 0.073 | 0.343 | 23 |
| 24 | 0.1608 | 0.1078 | 0.733 | 0.243 | 0.079 | 0.058 | 0.048 | 0.026 | 0.058 | 0.145 | 0.108 | 0.298 | 24 |
| 25 | 0.1558 | 0.1068 | 0.741 | 0.223 | 0.082 | 0.050 | 0.040 | 0.028 | 0.047 | 0.210 | 0.124 | 0.849 | 25 |
| 26 | 0.1528 | 0.1048 | 0.881 | 0.184 | 0.110 | 0.049 | 0.038 | 0.028 | 0.035 | 0.130 | 0.153 | 0.628 | 26 |
| 27 | 0.1488 | 0.1038 | 0.749 | 0.201 | 0.139 | 0.055 | 0.032 | 0.027 | 0.030 | 0.227 | 0.184 | 0.364 | 27 |
| 28 | 0.1448 | 0.1458 | 0.629 | 0.283 | 0.130 | 0.049 | 0.031 | 0.031 | 0.034 | 0.270 | 0.178 | 0.2978 | 28 |
| 29 | 0.1418 | | 0.584 | 0.236 | 0.097 | 0.045 | 0.028 | 0.040 | 0.034 | 0.183 | 0.811 | 0.2208 | 29 |
| 30 | 0.1388 | | 1.16 | 0.214 | 0.080 | 0.045 | 0.030 | 0.038 | 0.038 | 0.130 | 0.810 | 0.1518 | 30 |
| 31 | 0.1368 | | 1.01 | | 0.068 | | 0.028 | 0.035 | | 0.133 | | 0.1388 | 31 |
| TOTAL | 6.674 | 3.483 | 38.877 | 27.713 | 3.280 | 2.534 | 4.287 | 1.277 | 1.291 | 2.880 | 4.129 | 10.067 | TOTAL |
| MEAN | 0.215 | 0.124 | 1.25 | 0.924 | 0.105 | 0.084 | 0.138 | 0.041 | 0.043 | 0.093 | 0.138 | 0.325 | MEAN |
| MAX | 0.318 | 0.146 | 7.31 | 7.83 | 0.187 | 0.315 | 0.784 | 0.102 | 0.141 | 0.270 | 0.810 | 0.849 | MAX |
| MIN | 0.135 | 0.103 | 0.440 | 0.184 | 0.068 | 0.045 | 0.023 | 0.026 | 0.026 | 0.038 | 0.087 | 0.136 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.294
MAXIMUM DAILY, 7.83 ON APR 5
MINIMUM DAILY, 0.023 ON JUL 5
MAXIMUM INSTANTANEOUS,
12.3 AT 19:52 EST ON MAR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 00 43 N
LONG 79 41 10 W
DRAINAGE AREA, 42.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 577 | JUL | 370 |
| FEB | 289 | AUG | 110 |
| MAR | 3 480 | SEP | 112 |
| APR | 2 380 | OCT | 249 |
| MAY | 282 | NOV | 387 |
| JUN | 219 | DEC | 870 |

TOTAL DISCHARGE, 9 290 dam³

## SEINE RIVER AT STURGEON FALLS GENERATING STATION - STATION NO. 02PB008

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36.0 | 39.6 | 22.7 | 21.2 | 1.00 | 13.7 | 0 | 13.7 | 49.1 | 5.38 | 38.4 | 37.4 | 1 |
| 2 | 39.2 | 40.6 | 22.7 | 15.1 | 1.00 | 19.1 | 10.1 | 13.9 | 49.3 | 5.36 | 36.6 | 39.6 | 2 |
| 3 | 38.2 | 39.2 | 22.1 | 7.93 | 1.00 | 18.3 | 11.6 | 14.3 | 39.7 | 0.500 | 32.3 | 36.3 | 3 |
| 4 | 36.1 | 38.2 | 24.1 | 10.6 | 0.050 | 18.1 | 3.80 | 15.7 | 38.0 | 6.85 | 37.6 | 36.3 | 4 |
| 5 | 36.7 | 40.8 | 22.7 | 8.48 | 0 | 23.5 | --- | 16.3 | 35.7 | 10.8 | 35.7 | 23.5 | 5 |
| 6 | 39.2 | 37.1 | 22.7 | 8.48 | 0 | 8.81 | 14.7 | 16.1 | 37.4 | 0 | 36.0 | 20.1 | 6 |
| 7 | 36.6 | 37.6 | 22.1 | 10.4 | 0 | --- | 16.7 | 16.1 | 42.6 | 9.07 | 35.4 | 18.7 | 7 |
| 8 | 37.1 | 37.1 | 22.7 | 20.7 | 0 | --- | 11.2 | 17.6 | 30.5 | 8.48 | 36.5 | 32.4 | 8 |
| 9 | 20.2 | 37.2 | 36.4 | 20.1 | 8.48 | --- | 14.6 | 16.0 | --- | 4.19 | 36.9 | 33.7 | 9 |
| 10 | 23.5 | 37.6 | 36.2 | 16.6 | 0 | 15.4 | 11.9 | 26.7 | 9.03 | 7.87 | 33.6 | 37.1 | 10 |
| 11 | 19.1 | 37.5 | 36.4 | 5.66 | 0 | 7.33 | 12.2 | 29.6 | 7.97 | 5.31 | 16.6 | 36.0 | 11 |
| 12 | 22.1 | 28.7 | 36.3 | 12.9 | 0 | 20.2 | 7.61 | 46.6 | 23.1 | 6.04 | 16.6 | 36.9 | 12 |
| 13 | 33.0 | 30.6 | 36.3 | 4.04 | 9.37 | 20.2 | 10.1 | 48.3 | 31.8 | 2.87 | 19.3 | 34.5 | 13 |
| 14 | 36.7 | 21.2 | 22.7 | 5.05 | 0 | 3.42 | 8.24 | 45.5 | 27.8 | 5.95 | 16.4 | 22.7 | 14 |
| 15 | 37.4 | 21.2 | 19.5 | 0.880 | 0 | --- | 11.7 | 39.6 | 41.7 | 7.83 | 16.4 | 26.1 | 15 |
| 16 | 36.7 | 33.2 | 19.5 | 1.80 | 4.33 | 5.44 | 9.88 | 34.5 | 45.8 | 6.82 | 30.6 | 26.6 | 16 |
| 17 | 36.7 | 33.1 | 31.3 | 9.21 | 0 | --- | 11.8 | 48.3 | 26.1 | 6.82 | 26.5 | 36.5 | 17 |
| 18 | 36.5 | 36.0 | 36.2 | 4.78 | 4.33 | 0 | 12.1 | 62.3 | 36.1 | 0 | 18.7 | 37.2 | 18 |
| 19 | 37.4 | 31.1 | 36.7 | 4.04 | 0 | 10.3 | 16.7 | 61.8 | 32.1 | 9.06 | 22.0 | 36.5 | 19 |
| 20 | 37.4 | 33.6 | 36.2 | 3.30 | 3.00 | 20.7 | 10.7 | 54.7 | 34.0 | 7.83 | 40.0 | 40.2 | 20 |
| 21 | 37.4 | 26.7 | 22.5 | 5.84 | 4.25 | 20.7 | 10.6 | 58.9 | 32.9 | 6.17 | 37.5 | 40.2 | 21 |
| 22 | 31.1 | 20.1 | 36.4 | 3.25 | 8.75 | 4.25 | 13.8 | 58.6 | 33.3 | 6.07 | 36.7 | 38.7 | 22 |
| 23 | 22.1 | 13.5 | 37.9 | 5.67 | 4.75 | 0 | 14.2 | 58.9 | 31.3 | 6.48 | 37.4 | 36.1 | 23 |
| 24 | 20.1 | 33.2 | 37.4 | 6.13 | 0 | 10.8 | 13.7 | 60.4 | 30.4 | 16.3 | 38.4 | 37.8 | 24 |
| 25 | 22.1 | 37.6 | 34.9 | 5.61 | 8.51 | 9.03 | 12.7 | 58.6 | 30.3 | 16.7 | 36.2 | 38.6 | 25 |
| 26 | 20.1 | 38.2 | 38.3 | 8.88 | 0 | 0 | 12.7 | 56.5 | 29.9 | 26.2 | 40.2 | 38.2 | 26 |
| 27 | 22.0 | 36.5 | 39.7 | 1.02 | 8.27 | 10.6 | 13.0 | 54.3 | 28.5 | 36.2 | 38.7 | 18.4 | 27 |
| 28 | 22.1 | 22.1 | 22.1 | 1.83 | 0 | 11.1 | 13.0 | 52.4 | 17.6 | 34.7 | 39.2 | 33.2 | 28 |
| 29 | 21.2 | | 22.1 | 1.00 | 8.34 | 12.2 | 13.0 | 49.6 | 3.13 | 35.7 | 38.1 | 37.7 | 29 |
| 30 | 21.2 | | 22.7 | 1.00 | 0 | 15.1 | 12.8 | 48.6 | 8.03 | 36.8 | 43.7 | 26.7 | 30 |
| 31 | 34.6 | | 22.7 | | 0 | | 12.9 | 50.0 | | 36.4 | | 27.0 | 31 |
| TOTAL | 948.0 | 925.1 | 917.2 | 226.770 | 87.440 | --- | --- | 1 261.0 | --- | 386.280 | 970.2 | 1 023.6 | TOTAL |
| MEAN | 30.6 | 33.0 | 29.6 | 7.83 | 3.18 | --- | --- | 40.7 | --- | 12.5 | 32.3 | 33.0 | MEAN |
| MAX | 39.2 | 40.8 | 39.7 | 21.2 | 9.37 | --- | --- | 58.6 | --- | 36.4 | 43.7 | 40.2 | MAX |
| MIN | 19.1 | 13.5 | 19.5 | 0.880 | 0 | --- | --- | 13.7 | --- | 0 | 16.6 | 18.4 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON MAY 5

DATA CONTRIBUTED BY -
BOISE CASCADE CANADA LIMITED

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 44 40 N
LONG 92 17 05 W
DRAINAGE AREA, 5 880 km²

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 81 900 | JUL | --- |
| FEB | 79 900 | AUG | 109 000 |
| MAR | 79 200 | SEP | --- |
| APR | 19 800 | OCT | 33 400 |
| MAY | 5 630 | NOV | 83 800 |
| JUN | --- | DEC | 88 400 |

## SERPENT RIVER ABOVE QUIRKE LAKE - STATION NO. 02CD006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.46 | 1.388 | 1.948 | 5.40E | 2.07 | 2.67 | 1.31 | 0.280 | 0.408 | 0.621 | 0.858 | 1.80 | 1 |
| 2 | 1.50 | 1.348 | 1.808 | 5.48E | 1.98 | 2.58 | 1.32 | 0.269 | 0.418 | 0.902 | 0.835 | 1.83 | 2 |
| 3 | 1.42 | 1.328 | 1.588 | 5.55E | 1.86 | 2.50 | 1.18 | 0.278 | 0.408 | 0.943 | 0.882 | 1.86 | 3 |
| 4 | 1.36 | 1.318 | 1.508 | 5.60E | 1.83 | 2.37 | 1.12 | 0.259 | 0.402 | 0.925 | 1.02 | 1.45 | 4 |
| 5 | 1.38 | 1.298 | 1.488 | 5.65E | 1.81 | 2.19 | 1.11 | 0.284 | 0.388 | 0.858 | 1.08 | 1.37 | 5 |
| 6 | 1.33 | 1.278 | 1.708 | 5.70E | 1.78 | 2.11 | 1.12 | 0.320 | 0.358 | 0.803 | 1.03 | 1.33 | 6 |
| 7 | 1.36 | 1.288 | 1.888 | 5.90E | 1.76 | 2.03 | 1.09 | 0.331 | 0.380 | 0.808 | 0.873 | 1.28E | 7 |
| 8 | 1.38 | 1.288 | 1.998 | 5.85E | 1.73 | 2.01 | 1.06 | 0.315 | 0.350 | 0.893 | 0.814 | 1.26 | 8 |
| 9 | 1.35 | 1.298 | 1.948 | 6.00E | 1.88 | 1.88 | 1.09 | 0.300 | 0.393 | 0.801 | 0.884 | 1.42 | 9 |
| 10 | 1.39 | 1.288 | 1.808 | 6.08E | 1.84 | 1.88 | 1.08 | 0.302 | 0.377 | 0.518 | 0.807E | 1.85 | 10 |
| 11 | 1.48 | 1.278 | 1.888 | 6.10E | 1.81 | 1.82 | 1.10 | 0.284 | 0.381 | 0.486 | 0.784 | 2.38 | 11 |
| 12 | 1.46 | 1.288 | 1.888 | 6.20E | 1.82 | 2.04 | 1.18 | 0.298 | 0.427 | 0.478 | 0.740 | 2.32 | 12 |
| 13 | 1.48 | 1.308 | 1.838 | 6.00E | 1.88 | 2.07 | 1.33 | 0.372 | 0.436 | 0.481 | 0.898 | 2.24 | 13 |
| 14 | 1.42 | 1.508 | 1.818 | 5.80E | 1.81 | 1.98 | 1.30 | 0.338 | 0.427 | 0.450 | 0.894 | 2.15 | 14 |
| 15 | 1.56 | 1.808 | 1.798 | 3.28A | 1.87 | 1.78 | 1.20 | 0.339 | 0.412 | 0.452 | 0.877 | 2.08 | 15 |
| 16 | 1.73 | 1.808 | 1.788 | 2.78 | 1.71 | 1.87 | 1.06 | 0.338 | 0.374 | 0.484 | 0.879 | 2.12 | 16 |
| 17 | 1.74 | 1.718 | 1.788 | 2.46 | 1.88 | 1.87 | 0.987 | 0.328 | 0.304 | 0.585 | 0.781 | 2.06 | 17 |
| 18 | 1.72 | 1.648 | 1.788 | 2.35 | 2.23 | 1.52 | 0.937 | 0.317 | 0.295 | 0.670 | 1.02 | 1.98 | 18 |
| 19 | 1.71 | 1.808 | 1.838 | 2.36 | 2.28 | 1.46 | 0.875 | 0.360 | 0.306 | 0.702 | 1.09 | 1.95 | 19 |
| 20 | 1.69 | 1.858 | 2.348 | 2.39 | 2.13 | 1.43 | 1.03 | 0.354 | 0.382 | 0.712 | 1.11 | 1.89 | 20 |
| 21 | 1.86 | 1.708 | 2.678 | 2.28 | 2.09 | 1.37 | 1.00 | 0.381 | 0.372 | 0.730 | 1.10 | 2.02 | 21 |
| 22 | 1.87 | 1.698 | 2.718 | 2.25 | 2.46 | 1.38 | 0.980 | 0.354 | 0.373 | 0.732 | 1.04 | 2.02 | 22 |
| 23 | 1.88 | 1.868 | 2.898 | 2.20 | 3.07 | 1.43 | 0.900 | 0.344 | 0.426 | 0.741 | 1.00 | 1.98 | 23 |
| 24 | 1.88 | 1.838 | 3.038 | 2.21 | 3.11 | 1.27 | 0.781 | 0.312 | 0.442 | 0.771 | 1.05 | 1.96 | 24 |
| 25 | 1.828 | 1.818 | 3.21 | 2.16 | 2.88 | 1.26 | 0.783 | 0.299 | 0.492 | 0.824 | 1.05 | 2.00 | 25 |
| 26 | 1.808 | 1.588 | 3.88 | 2.14 | 2.88 | 1.28 | 0.718 | 0.286 | 0.537 | 0.841 | 1.02 | 2.01 | 26 |
| 27 | 1.488 | 1.588 | 4.15 | 2.21 | 2.79 | 1.33 | 0.870 | 0.285 | 0.512 | 0.897 | 1.02 | 1.91 | 27 |
| 28 | 1.468 | 1.638 | 4.40 | 2.25 | 2.83 | 1.42 | 0.888 | 0.284 | 0.493 | 0.918 | 1.02 | 1.85 | 28 |
| 29 | 1.438 | | 4.58 | 2.26 | 2.82 | 1.39 | 0.853 | 0.283 | 0.522 | 0.948 | 1.07 | 1.79 | 29 |
| 30 | 1.418 | | 5.10 | 2.15 | 2.76 | 1.41 | 0.372 | 0.340 | 0.541 | 0.934 | 1.43 | 1.72 | 30 |
| 31 | 1.388 | | 5.29 | | 2.87 | | 0.318 | 0.396 | | 0.925 | | 1.68 | 31 |
| TOTAL | 48.48 | 41.51 | 77.82 | 118.73 | 68.81 | 53.17 | 30.075 | 9.609 | 12.312 | 22.358 | 28.315 | 55.96 | TOTAL |
| MEAN | 1.50 | 1.48 | 2.50 | 3.86 | 2.18 | 1.77 | 0.970 | 0.316 | 0.410 | 0.721 | 0.944 | 1.84 | MEAN |
| MAX | 1.74 | 1.80 | 5.29 | 6.20 | 3.11 | 2.67 | 1.33 | 0.396 | 0.541 | 0.948 | 1.43 | 2.39 | MAX |
| MIN | 1.33 | 1.26 | 1.48 | 2.14 | 1.86 | 1.26 | 0.318 | 0.269 | 0.295 | 0.450 | 0.877 | 1.26 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.55
MAXIMUM DAILY, 6.20E ON APR 12
MINIMUM DAILY, 0.269 ON AUG 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 00 N
LONG 82 37 00 W
DRAINAGE AREA, 187 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 020 | JUL | 2 600 |
| FEB | 3 530 | AUG | 847 |
| MAR | 6 700 | SEP | 1 080 |
| APR | 10 300 | OCT | 1 930 |
| MAY | 5 770 | NOV | 2 490 |
| JUN | 4 590 | DEC | 4 920 |

TOTAL DISCHARGE, 48 800 dam³

SERPENT RIVER AT HIGHWAY NO 17 - STATION NO 02CD00

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11.8 | 7.758 | 6.058 | 33.1 | 15.2 | 11.8 | 6.39 | 3.60 | 1.98 | 1.10 | 3.63E | 6.97 | 1 |
| 2 | 11.7 | 7.758 | 6.408 | 32.6 | 14.9 | 11.7 | 6.26 | 3.71 | 1.91 | 1.45 | 3.58E | 10.4 | 2 |
| 3 | 11.6 | 7.808 | 6.558 | 33.1 | 14.5 | 11.5 | 6.20 | 3.69 | 1.82 | 1.44 | 3.65E | 11.1 | 3 |
| 4 | 11.5 | 7.808 | 6.608 | 33.6 | 14.1 | 11.2 | 6.57 | 3.59 | 1.78 | 1.28 | 3.75A | 11.2 | 4 |
| 5 | 11.4 | 7.858 | 6.608 | 34.6 | 13.8 | 10.8 | 6.86 | 3.26 | 1.71 | 1.21 | 4.09 | 11.0 | 5 |
| 6 | 11.2 | 7.608 | 6.708 | 35.2 | 13.5 | 10.8 | 6.41 | 3.10 | 1.29 | 1.19 | 4.29 | 10.8 | 6 |
| 7 | 11.0 | 7.558 | 6.758 | 35.2 | 13.1 | 10.4 | 6.19 | 2.96 | 1.25 | 1.18 | 4.40 | 10.5 | 7 |
| 8 | 10.9 | 7.508 | 6.808 | 34.8 | 12.9 | 10.2 | 5.91 | 2.93 | 1.24 | 1.15 | 4.37 | 10.4 | 8 |
| 9 | 10.8 | 7.458 | 6.958 | 34.5 | 12.5 | 10.0 | 5.72 | 2.83 | 1.29 | 1.07 | 4.35 | 11.4 | 9 |
| 10 | 10.6 | 7.408 | 7.108 | 33.6 | 12.2 | 9.76 | 5.55 | 2.73 | 1.24 | 1.08 | 4.38 | 14.2 | 10 |
| 11 | 10.5 | 7.308 | 7.208 | 33.1 | 12.0 | 9.58 | 5.74 | 2.61 | 1.27 | 1.02 | 4.48 | 18.3 | 11 |
| 12 | 10.3 | 7.258 | 7.308 | 32.2 | 11.7 | 9.91 | 5.67 | 2.52 | 1.37 | 1.01 | 4.53 | 18.5 | 12 |
| 13 | 10.2 | 7.208 | 7.358 | 30.9 | 11.4 | 9.82 | 5.52 | 2.62 | 1.65 | 0.973 | 4.74 | 22.6 | 13 |
| 14 | 10.0 | 7.058 | 7.408 | 28.6 | 11.0 | 9.58 | 5.33 | 2.66 | 2.20 | 0.951 | 4.66 | 23.2 | 14 |
| 15 | 9.84 | 7.008 | 7.358 | 26.4 | 10.9 | 9.38 | 5.16 | 2.66 | 2.00 | 0.949 | 4.88 | 24.1 | 15 |
| 16 | 9.61 | 6.958 | 7.308 | 24.7 | 10.6 | 9.18 | 5.05 | 2.78 | 1.77 | 0.952 | 4.83 | 25.0 | 16 |
| 17 | 9.45 | 6.808 | 7.278 | 23.6 | 10.6 | 8.88 | 4.93 | 2.58 | 1.60 | 1.18 | 4.84 | 24.6 | 17 |
| 18 | 9.258 | 6.858 | 7.258 | 22.6 | 10.6 | 8.68 | 4.90 | 2.30 | 1.44 | 1.38 | 4.77 | 23.9 | 18 |
| 19 | 9.058 | 6.808 | 7.258 | 21.9 | 10.7 | 8.42 | 5.02 | 2.40 | 1.84 | 1.43 | 4.70 | 23.1 | 19 |
| 20 | 8.959 | 6.908 | 7.358 | 21.1 | 10.6 | 8.11 | 5.16 | 2.38 | 1.78 | 1.43 | 4.69 | 23.2 | 20 |
| 21 | 8.758 | 6.408 | 7.658 | 20.4 | 10.7 | 7.78 | 5.15 | 2.19 | 1.59 | 1.47 | 4.98 | 23.1 | 21 |
| 22 | 8.858 | 6.308 | 8.178 | 19.6 | 10.6 | 7.50 | 5.00 | 2.10 | 1.46 | 1.51 | 5.02 | 22.9 | 22 |
| 23 | 8.608 | 6.208 | 8.118 | 19.0 | 10.6 | 7.21 | 4.83 | 2.00 | 1.28 | 1.48 | 5.17 | 22.2 | 23 |
| 24 | 8.408 | 6.108 | 10.78 | 18.4 | 10.9 | 6.86 | 4.78 | 1.88 | 1.21 | 1.60 | 5.68 | 21.4 | 24 |
| 25 | 8.308 | 6.058 | 12.38 | 17.7 | 11.0 | 6.78 | 4.78 | 1.86 | 1.11 | 1.80 | 5.82 | 21.8 | 25 |
| 26 | 8.208 | 6.008 | 17.8 | 17.1 | 11.2 | 6.72 | 4.57 | 1.80 | 1.07 | 2.06 | 6.18 | 20.6 | 26 |
| 27 | 8.058 | 5.958 | 22.2 | 17.0 | 11.6 | 6.72 | 4.38 | 1.73 | 1.00 | 2.46 | 8.23 | 20.3 | 27 |
| 28 | 8.008 | 5.958 | 25.6 | 16.7 | 11.6 | 6.84 | 4.12 | 1.72 | 0.996 | 2.90 | 8.26 | 19.7 | 28 |
| 29 | 7.908 | | 26.3 | 16.2 | 11.7 | 6.55 | 4.02 | 1.69 | 1.05 | 3.23 | 8.28 | 19.1 | 29 |
| 30 | 7.808 | | 30.3 | 15.7 | 11.8 | 6.49 | 3.92 | 1.70 | 1.06 | 3.82 | 7.16 | 18.6 | 30 |
| 31 | 7.758 | | 31.6 | | 11.8 | | 3.78 | 1.66 | | 3.82 | | 18.2 | 31 |
| TOTAL | 289.85 | 194.50 | 344.65 | 784.2 | 371.0 | 288.88 | 183.86 | 78.20 | 41.976 | 49.186 | 146.83 | 583.57 | TOTAL |
| MEAN | 9.38 | 6.95 | 11.1 | 26.1 | 12.0 | 9.96 | 5.28 | 2.52 | 1.40 | 1.59 | 4.89 | 18.2 | MEAN |
| MAX | 11.8 | 7.80 | 31.6 | 35.2 | 15.2 | 11.8 | 6.86 | 3.71 | 2.20 | 3.82 | 7.16 | 25.0 | MAX |
| MIN | 7.75 | 5.95 | 6.05 | 16.7 | 10.6 | 6.49 | 3.78 | 1.66 | 0.996 | 0.949 | 3.58 | 6.97 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.06
MAXIMUM DAILY, 35.2 ON APR 5
MINIMUM DAILY, 0.949 ON OCT 15
MAXIMUM INSTANTANEOUS,
35.5 AT 10:00 EST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 47 N
LONG 82 30 33 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 25 900 | JUL | 16 100 |
| FEB | 16 800 | AUG | 6 760 |
| MAR | 29 800 | SEP | 3 630 |
| APR | 67 800 | OCT | 4 250 |
| MAY | 32 100 | NOV | 12 700 |
| JUN | 23 200 | DEC | 48 700 |

TOTAL DISCHARGE, 286 000 dam³

SERPENT RIVER AT OUTLET OF DUNLOP LAKE - STATION NO 02CD03

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.605 | 0.758 | 0.819 | 1.15 | 1.11 | 1.53 | 0.722 | 0.014E | 0.015 | 0.007 | 0.077 | 0.231 | 1 |
| 2 | 0.611 | 0.755 | 0.890 | 1.35 | 1.05 | 1.51 | 0.713 | 0.007E | 0.011 | 0.015 | 0.084 | 0.241 | 2 |
| 3 | 0.623 | 0.751 | 0.884 | 1.42 | 1.02 | 1.54 | 0.749 | 0.005E | 0.011 | 0.013 | 0.081 | 0.258 | 3 |
| 4 | 0.612 | 0.747 | 0.845 | 1.46 | 1.00 | 1.43 | 0.713 | 0.002E | 0.010 | 0.011 | 0.038 | 0.287 | 4 |
| 5 | 0.605 | 0.723 | 1.14 | 1.50 | 0.987 | 1.32 | 0.696 | 0.005E | 0.009 | 0.010 | 0.038 | 0.289 | 5 |
| 6 | 0.615 | 0.708 | 1.40 | 1.53 | 1.01 | 1.27 | 0.673 | 0.008E | 0.007 | 0.009 | 0.038 | 0.286 | 6 |
| 7 | 0.612 | 0.717 | 1.32 | 1.58 | 0.995 | 1.20 | 0.678 | 0.010E | 0.007 | 0.010 | 0.035 | 0.250 | 7 |
| 8 | 0.603 | 0.755 | 1.34 | 1.60 | 0.993 | 1.17 | 0.648 | 0.009E | 0.008 | 0.008 | 0.033 | 0.221 | 8 |
| 9 | 0.584 | 0.742 | 1.18 | 1.62 | 1.01 | 1.13 | 0.610 | 0.008E | 0.010 | 0.008 | 0.030 | 0.281 | 9 |
| 10 | 0.583 | 0.734 | 1.11 | 1.63 | 0.980 | 1.09 | 0.602 | 0.007E | 0.010 | 0.010 | 0.027 | 0.303 | 10 |
| 11 | 0.578 | 0.709 | 1.07 | 1.67 | 1.05 | 1.11 | 0.695 | 0.006E | 0.010 | 0.015 | 0.025 | 0.320 | 11 |
| 12 | 0.582 | 0.702 | 1.03 | 1.70 | 0.972 | 1.19 | 0.722 | 0.010E | 0.011 | 0.021 | 0.024 | 0.386 | 12 |
| 13 | 0.574 | 0.864 | 0.988 | 1.68 | 0.808 | 1.14 | 0.685 | 0.015E | 0.008 | 0.027 | 0.024 | 0.447 | 13 |
| 14 | 0.720 | 1.42 | 0.933 | 1.68 | 0.808 | 1.14 | 0.797 | 0.013E | 0.008 | 0.031 | 0.023 | 0.468 | 14 |
| 15 | 0.884 | 1.36 | 0.901 | 1.29 | 0.791 | 1.09 | 0.738 | 0.011E | 0.007 | 0.032 | 0.022 | 0.548 | 15 |
| 16 | 0.950 | 1.30 | 0.871 | 0.958 | 0.841 | 1.02 | 0.872 | 0.010E | 0.008 | 0.034 | 0.020 | 0.828 | 16 |
| 17 | 0.910 | 1.24 | 0.824 | 1.00 | 1.00 | 0.953 | 0.840 | 0.010E | 0.006 | 0.046 | 0.037 | 0.814 | 17 |
| 18 | 0.916 | 1.18 | 0.805 | 1.04 | 1.04 | 0.906 | 0.800E | 0.010E | 0.005 | 0.050 | 0.063 | 0.884 | 18 |
| 19 | 0.878 | 1.12 | 0.779 | 1.06 | 1.04 | 0.896 | 0.850E | 0.012E | 0.007 | 0.049 | 0.073 | 0.721 | 19 |
| 20 | 0.883 | 1.08 | 0.726 | 1.09 | 1.04 | 0.833 | 0.890E | 0.013E | 0.010 | 0.050 | 0.082 | 0.778 | 20 |
| 21 | 0.885 | 1.04 | 0.709 | 1.13 | 1.05 | 0.799 | 0.810E | 0.014E | 0.008 | 0.061 | 0.075 | 0.844 | 21 |
| 22 | 0.883 | 1.01 | 0.690 | 1.05 | 1.18 | 0.770 | 0.550E | 0.014E | 0.008 | 0.055 | 0.070 | 0.838 | 22 |
| 23 | 0.894 | 0.961 | 0.590 | 1.12 | 1.26 | 0.740 | 0.510E | 0.013E | 0.007 | 0.055 | 0.081 | 0.828 | 23 |
| 24 | 0.884 | 0.920 | 0.342 | 1.14 | 1.30 | 0.715 | 0.480E | 0.012E | 0.005 | 0.056 | 0.112 | 0.833 | 24 |
| 25 | 0.885 | 0.894 | 0.372 | 1.14 | 1.32 | 0.672 | 0.420E | 0.011E | 0.005 | 0.058 | 0.113 | 0.862 | 25 |
| 26 | 0.812 | 0.858 | 0.505 | 1.11 | 1.25 | 0.668 | 0.370E | 0.009E | 0.004 | 0.056 | 0.108 | 0.901 | 26 |
| 27 | 0.785 | 0.825 | 0.586 | 1.16 | 1.45 | 0.706 | 0.342A | 0.007E | 0.004 | 0.063 | 0.114 | 0.904 | 27 |
| 28 | 0.777 | 0.793 | 0.643 | 1.15 | 1.54 | 0.720 | 0.270E | 0.006E | 0.004 | 0.061 | 0.113 | 0.889 | 28 |
| 29 | 0.761 | | 0.783 | 1.16 | 1.54 | 0.715 | 0.170E | 0.010E | 0.007 | 0.059 | 0.128 | 0.902 | 29 |
| 30 | 0.749 | | 0.880 | 1.14 | 1.52 | 0.765 | 0.080E | 0.015E | 0.007 | 0.059 | 0.204 | 0.898 | 30 |
| 31 | 0.761 | | 1.05 | | 1.52 | | 0.038E | 0.018A | | 0.067 | | 0.928 | 31 |
| TOTAL | 23.005 | 25.756 | 27.013 | 39.438 | 34.584 | 30.728 | 17.713 | 0.312 | 0.237 | 1.086 | 1.959 | 17.606 | TOTAL |
| MEAN | 0.742 | 0.920 | 0.871 | 1.31 | 1.12 | 1.02 | 0.571 | 0.010 | 0.008 | 0.035 | 0.065 | 0.574 | MEAN |
| MAX | 0.884 | 1.42 | 1.40 | 1.70 | 1.54 | 1.54 | 0.885 | 0.015 | 0.015 | 0.067 | 0.204 | 0.928 | MAX |
| MIN | 0.574 | 0.702 | 0.342 | 0.958 | 0.791 | 0.668 | 0.038 | 0.003 | 0.004 | 0.007 | 0.020 | 0.221 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.802
MAXIMUM DAILY, 1.70 ON APR 12
MINIMUM DAILY, 0.002E ON AUG 4
MAXIMUM INSTANTANEOUS,
1.77 AT 08:54 EST ON APR 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 05 N
LONG 82 38 33 W
DRAINAGE AREA, 109 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 540 | JUL | 1 530 |
| FEB | 2 230 | AUG | 27.0 |
| MAR | 2 330 | SEP | 20.5 |
| APR | 3 410 | OCT | 84.7 |
| MAY | 2 990 | NOV | 169 |
| JUN | 2 550 | DEC | 1 540 |

TOTAL DISCHARGE, 18 000 dam³

## SERPENT RIVER BELOW PECORS LAKE - STATION NO 02CD004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.73 | 4.08E | 3.67 | 7.88 | 9.12 | 6.74 | 4.68 | 2.62 | 0.971 | 0.448 | 1.07E | 1.95 | 1 |
| 2 | 4.78 | 4.07E | 4.00 | 8.66 | 8.86 | 6.91 | 4.79 | 2.85 | 0.891 | 0.533 | 1.05A | 1.95 | 2 |
| 3 | 4.87 | 4.07E | 4.03 | 8.86 | 8.71 | 6.80 | 4.75 | 2.68 | 0.879 | 0.558 | 1.09 | 1.89 | 3 |
| 4 | 4.87 | 4.08E | 4.02 | 8.89 | 8.43 | 6.59 | 4.60 | 2.55 | 0.821 | 0.493 | 1.17 | 1.98 | 4 |
| 5 | 4.82A | 4.08E | 3.90 | 9.02 | 8.28 | 6.42 | 4.48 | 2.46 | 0.788 | 0.487 | 1.24 | 1.94 | 5 |
| 6 | 4.98E | 4.05E | 3.88 | 9.31 | 8.15 | 6.42 | 4.84 | 2.36 | 0.734 | 0.472 | 1.20 | 1.90 | 6 |
| 7 | 4.98E | 4.03E | 3.78 | 9.72 | 8.02 | 6.49 | 4.62 | 2.23 | 0.718 | 0.485 | 1.17 | 1.84 | 7 |
| 8 | 4.93E | 4.02E | 3.85 | 10.0 | 7.81 | 6.48 | 4.28 | 2.18 | 0.745 | 0.445 | 1.12 | 1.98 | 8 |
| 9 | 4.90E | 4.00E | 3.89 | 10.2 | 7.54 | 6.39 | 4.26 | 2.10 | 0.883 | 0.466 | 1.13 | 2.30 | 9 |
| 10 | 4.88E | 3.98E | 3.91 | 10.3 | 7.19 | 6.08 | 4.28 | 1.96 | 0.843 | 0.474 | 1.10 | 2.82 | 10 |
| 11 | 4.85E | 3.98E | 3.91 | 10.5 | 7.39 | 6.37 | 4.87 | 1.82 | 0.854 | 0.406 | 1.10 | 3.08 | 11 |
| 12 | 4.83E | 3.98E | 3.91 | 10.7 | 7.12 | 6.83 | 4.86 | 1.75 | 0.881 | 0.390A | 1.04 | 3.71 | 12 |
| 13 | 4.80E | 3.93E | 3.90 | 10.6 | 6.87 | 6.46 | 4.70 | 1.83 | 0.873 | 0.378E | 1.05 | 3.87 | 13 |
| 14 | 4.39E | 3.91E | 3.87 | 10.7 | 6.80 | 6.39 | 4.83 | 1.82 | 0.851 | 0.383E | 1.04 | 4.00 | 14 |
| 15 | 4.38E | 3.90E | 3.86 | 10.9 | 6.80 | 6.16 | 4.83 | 1.80 | 0.748 | 0.352E | 1.02 | 4.36 | 15 |
| 16 | 4.38E | 3.89A | 3.86 | 11.0 | 6.82 | 6.02 | 4.38 | 1.78 | 0.884 | 0.400E | 1.05 | 4.67 | 16 |
| 17 | 4.33E | 3.84 | 3.74 | 10.9 | 7.28 | 5.81 | 4.19 | 1.73 | 0.700 | 0.480E | 1.13 | 4.71 | 17 |
| 18 | 4.33E | 3.81 | 3.71 | 10.8 | 7.18 | 5.71 | 4.18 | 1.67 | 0.645 | 0.540E | 1.20 | 4.86 | 18 |
| 19 | 4.28E | 3.82 | 3.88 | 10.7 | 6.84 | 5.72 | 4.38 | 1.72 | 0.687 | 0.500E | 1.16 | 4.83 | 19 |
| 20 | 4.37E | 3.88 | 3.87 | 10.7 | 6.77 | 5.85 | 4.38 | 1.70 | 0.780 | 0.600E | 1.18 | 4.97 | 20 |
| 21 | 4.38E | 3.78 | 3.83 | 10.8 | 6.87 | 5.40 | 4.31 | 1.65 | 0.748 | 0.680E | 1.13 | 5.10 | 21 |
| 22 | 4.38E | 3.71 | 3.78 | 10.6 | 7.27 | 5.35 | 4.08 | 1.78 | 0.744 | 0.620E | 1.10 | 5.15 | 22 |
| 23 | 4.35E | 3.67 | 3.87 | 10.5 | 7.32 | 5.30 | 4.00 | 1.81 | 0.648 | 0.700E | 1.11 | 5.25 | 23 |
| 24 | 4.29E | 3.69 | 4.08 | 10.3 | 7.12 | 5.45 | 3.83 | 1.23 | 0.593 | 0.870E | 1.18 | 5.33 | 24 |
| 25 | 4.21E | 3.81 | 4.82 | 10.3 | 6.98 | 5.18 | 3.78 | 1.14 | 0.620 | 0.820E | 1.16 | 5.80 | 25 |
| 26 | 4.20E | 3.88 | 5.57 | 10.1 | 6.84 | 5.21 | 3.67 | 1.08 | 0.471 | 0.730E | 1.22 | 5.80 | 26 |
| 27 | 4.19E | 3.88 | 5.88 | 10.0 | 7.48 | 5.20 | 3.48 | 0.973 | 0.433 | 0.840E | 1.21 | 5.58 | 27 |
| 28 | 4.18E | 3.80 | 6.44 | 9.82 | 7.31 | 5.07 | 3.26 | 0.961 | 0.389 | 0.940E | 1.17 | 5.57 | 28 |
| 29 | 4.18E | | 7.02 | 9.70 | 7.08 | 5.05 | 3.24 | 0.942 | 0.484 | 0.810E | 1.23 | 5.47 | 29 |
| 30 | 4.14E | | 7.60 | 9.26 | 7.14 | 5.00 | 3.17 | 0.898 | 0.480 | 0.990E | 1.77 | 5.51 | 30 |
| 31 | 4.12E | | 7.88 | | 6.88 | | 2.95 | 1.06 | | 1.10 E | | 5.68 | 31 |
| TOTAL | 136.46 | 108.68 | 137.58 | 301.82 | 230.27 | 178.39 | 129.70 | 54.332 | 21.407 | 18.147 | 34.72 | 123.24 | TOTAL |
| MEAN | 4.40 | 3.88 | 4.44 | 10.1 | 7.43 | 5.95 | 4.18 | 1.75 | 0.714 | 0.585 | 1.16 | 3.98 | MEAN |
| MAX | 4.78 | 4.08 | 7.88 | 11.0 | 9.12 | 6.91 | 4.88 | 2.68 | 0.971 | 1.10 | 1.77 | 5.88 | MAX |
| MIN | 4.12 | 3.50 | 3.63 | 7.88 | 6.87 | 5.00 | 2.95 | 0.942 | 0.389 | 0.352 | 1.02 | 1.84 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.06
MAXIMUM DAILY, 11.0 ON APR 16
MINIMUM DAILY, 0.352E ON OCT 15
MAXIMUM INSTANTANEOUS,
11.2 AT 01 15 EST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 28 N
LONG 82 26 16 W
DRAINAGE AREA, 867 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11 800 | JUL | 11 200 |
| FEB | 9 390 | AUG | 4 690 |
| MAR | 11 900 | SEP | 1 850 |
| APR | 26 100 | OCT | 1 570 |
| MAY | 19 900 | NOV | 3 000 |
| JUN | 15 400 | DEC | 10 600 |

TOTAL DISCHARGE, 127 000 dam³

## SERPENT RIVER BELOW QUIRKE LAKE - STATION NO 02CD003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.93E | 1.86 | 1.80 | 4.26 | 4.55 | 4.23 | 2.22 | 1.11 | 0.460 | 0.172 | 0.183 | 0.851 | 1 |
| 2 | 1.92E | 1.86 | 1.92 | 4.78 | 4.45 | 4.23 | 2.17 | 1.11 | 0.425 | 0.186 | 0.157 | 0.682 | 2 |
| 3 | 1.91E | 1.87 | 1.84 | 5.10 | 4.34 | 4.26 | 2.10 | 1.12 | 0.392 | 0.197 | 0.188 | 0.730 | 3 |
| 4 | 1.90E | 1.83 | 1.95 | 5.34 | 4.06 | 4.14 | 2.00 | 1.10 | 0.393 | 0.156 | 0.214 | 0.745 | 4 |
| 5 | 1.89E | 1.83 | 1.93 | 5.54 | 4.02 | 4.01 | 1.91 | 1.03 | 0.386 | 0.196 | 0.210 | 0.788 | 5 |
| 6 | 1.88E | 1.85 | 1.92 | 5.66 | 3.90 | 3.88 | 1.87 | 0.991 | 0.387 | 0.189 | 0.206 | 0.813 | 6 |
| 7 | 1.87E | 1.83 | 1.95 | 5.78 | 3.74 | 3.79 | 1.86 | 0.977 | 0.386 | 0.171 | 0.213 | 0.831 | 7 |
| 8 | 1.88E | 1.90 | 1.97 | 5.88 | 3.65 | 3.71 | 1.82 | 0.928 | 0.375 | 0.154 | 0.218 | 0.885 | 8 |
| 9 | 1.88E | 1.88 | 1.94 | 5.99 | 3.55 | 3.62 | 1.78 | 0.839 | 0.381 | 0.151 | 0.227 | 1.02 | 9 |
| 10 | 1.85E | 1.88 | 1.97 | 6.06 | 3.39 | 3.56 | 1.74 | 0.825 | 0.383 | 0.136 | 0.232 | 1.07 | 10 |
| 11 | 1.84E | 1.86 | 1.97 | 6.18 | 3.38 | 3.48 | 1.90 | 0.779 | 0.383 | 0.133 | 0.233 | 1.15 | 11 |
| 12 | 1.83E | 1.83 | 1.89 | 6.27 | 3.30 | 3.56 | 1.87 | 0.759 | 0.378 | 0.128 | 0.247 | 1.31 | 12 |
| 13 | 1.83E | 1.78 | 2.04 | 6.27 | 3.19 | 3.48 | 1.85 | 0.707 | 0.383 | 0.124 | 0.248 | 1.48 | 13 |
| 14 | 1.82A | 1.78 | 2.08 | 6.23 | 3.11 | 3.50 | 1.83 | 0.694 | 0.337 | 0.124 | 0.244 | 1.56 | 14 |
| 15 | 1.80 | 1.80 | 2.05 | 6.29 | 3.04 | 3.40 | 1.73 | 0.724 | 0.322 | 0.123 | 0.252 | 1.69 | 15 |
| 16 | 1.77 | 1.81 | 2.02 | 6.34 | 3.06 | 3.23 | 1.88 | 0.714 | 0.306 | 0.126 | 0.246 | 1.97 | 16 |
| 17 | 1.76 | 1.81 | 2.00 | 6.23 | 3.15 | 3.13 | 1.82 | 0.731 | 0.286 | 0.135 | 0.256 | 2.02 | 17 |
| 18 | 1.82 | 1.83 | 2.01 | 6.18 | 3.11 | 3.04 | 1.81 | 0.714 | 0.263 | 0.145 | 0.226 | 2.11 | 18 |
| 19 | 1.82 | 1.80 | 1.88 | 6.07 | 3.18 | 2.99 | 1.58 | 0.704 | 0.243 | 0.145 | 0.339 | 2.41 | 19 |
| 20 | 1.81 | 1.80 | 2.00 | 5.98 | 3.14 | 2.88 | 1.58 | 0.692 | 0.231 | 0.151 | 0.347 | 2.80 | 20 |
| 21 | 1.85 | 1.80 | 2.00 | 5.88 | 3.09 | 2.78 | 1.61 | 0.662 | 0.224 | 0.154 | 0.348 | 2.84 | 21 |
| 22 | 1.92 | 1.78 | 2.01 | 5.69 | 3.23 | 2.70 | 1.57 | 0.676 | 0.220 | 0.152 | 0.356 | 2.90 | 22 |
| 23 | 1.86 | 1.81 | 2.03 | 5.57 | 3.34 | 2.67 | 1.58 | 0.637 | 0.211 | 0.153 | 0.349 | 2.92 | 23 |
| 24 | 1.87 | 1.78 | 2.09 | 5.48 | 3.47 | 2.59 | 1.55 | 0.582 | 0.187 | 0.144 | 0.402 | 2.97 | 24 |
| 25 | 1.84 | 1.78 | 2.09 | 5.33 | 3.58 | 2.50 | 1.59 | 0.545 | 0.167 | 0.142 | 0.418 | 3.08 | 25 |
| 26 | 1.82 | 1.81 | 2.30 | 5.20 | 3.61 | 2.46 | 1.52 | 0.505 | 0.163 | 0.145 | 0.437 | 3.08 | 26 |
| 27 | 1.83 | 1.79 | 2.48 | 5.06 | 3.84 | 2.43 | 1.42 | 0.485 | 0.157 | 0.148 | 0.454 | 3.10 | 27 |
| 28 | 1.84 | 1.78 | 2.70 | 5.02 | 4.06 | 2.42 | 1.33 | 0.474 | 0.159 | 0.155 | 0.463 | 3.06 | 28 |
| 29 | 1.79 | | 3.08 | 4.87 | 4.14 | 2.28 | 1.27 | 0.456 | 0.177 | 0.155 | 0.485 | 3.04 | 29 |
| 30 | 1.82 | | 3.57 | 4.72 | 4.19 | 2.33 | 1.21 | 0.464 | 0.181 | 0.160 | 0.518 | 3.07 | 30 |
| 31 | 1.86 | | 3.94 | | 4.24 | | 1.16 | 0.478 | | 0.164 | | 3.49 | 31 |
| TOTAL | 57.27 | 50.99 | 67.70 | 169.24 | 112.12 | 87.30 | 52.72 | 23.215 | 8.930 | 4.771 | 9.120 | 59.995 | TOTAL |
| MEAN | 1.85 | 1.82 | 2.18 | 5.64 | 3.62 | 2.91 | 1.70 | 0.749 | 0.298 | 0.154 | 0.304 | 1.94 | MEAN |
| MAX | 1.93 | 1.90 | 3.94 | 6.34 | 4.59 | 4.26 | 2.22 | 1.12 | 0.460 | 0.196 | 0.518 | 3.49 | MAX |
| MIN | 1.76 | 1.76 | 1.80 | 4.26 | 3.04 | 2.29 | 1.16 | 0.456 | 0.157 | 0.123 | 0.157 | 0.851 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.95
MAXIMUM DAILY, 6.34 ON APR 16
MINIMUM DAILY, 0.123 ON OCT 15
MAXIMUM INSTANTANEOUS,
6.36 AT 19 57 EST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 11 N
LONG 82 36 52 W
DRAINAGE AREA, 319 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 950 | JUL | 4 550 |
| FEB | 4 410 | AUG | 2 010 |
| MAR | 5 850 | SEP | 772 |
| APR | 14 600 | OCT | 412 |
| MAY | 9 690 | NOV | 788 |
| JUN | 8 410 | DEC | 5 180 |

TOTAL DISCHARGE, 61 600 dam³

## SEVERN RIVER ABOVE WASDELL FALLS - STATION NO 02EC014

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.048 | 6.927 | 7.020 | 6.726 | 6.861 | 6.974 | 6.943 | 6.904 | 6.926 | 6.938 | 7.040 | 6.982 | 1 |
| 2 | 7.032 | 6.934 | 7.037 | 6.721 | 6.978 | 6.969 | 6.951 | 6.918 | 6.909 | 7.045 | 7.041 | 6.945 | 2 |
| 3 | 7.010 | 6.939 | 7.021 | 6.687 | 6.938 | 6.939 | 6.981 | 6.916 | 6.914 | 6.969 | 7.054 | 6.931 | 3 |
| 4 | 6.972 | 6.941 | 6.963 | 6.655 | 6.955 | 6.923 | 6.983 | 6.901 | 6.964 | 6.987 | 7.064 | 6.902 | 4 |
| 5 | 6.980 | 6.924 | 6.948 | 6.734 | 7.010 | 6.925 | 6.988 | 6.891 | 6.976 | 7.017 | 7.069 | 6.901 | 5 |
| 6 | 7.009 | 6.929 | 6.943 | 6.777 | 6.978 | 6.922 | 6.988 | 6.935 | 6.990 | 7.048 | 7.080 | 6.924 | 6 |
| 7 | 7.109 | 6.930 | 6.957 | 6.780 | 6.952 | 6.939 | 6.982 | 6.938 | 6.958 | 7.024 | 7.086 | 6.923 | 7 |
| 8 | 7.093 | 6.929 | 7.008 | 6.736 | 6.892 | 6.938 | 6.980 | 6.907 | 6.937 | 6.990 | 7.106 | 6.963 | 8 |
| 9 | 7.093 | 6.952 | 7.033 | 6.686 | 7.002 | 6.931 | 6.939 | 6.904 | 6.916 | 7.028 | 7.125 | 6.868 | 9 |
| 10 | 7.087 | 6.918 | 7.029 | 6.685 | 6.975 | 6.955 | 6.939 | 6.895 | 6.924 | 7.006 | 7.134 | 6.981 | 10 |
| 11 | 7.084 | 6.912 | 7.039 | 6.708 | 6.952 | 6.984 | 6.938 | 6.886 | 6.971 | 6.980 | 7.077 | 6.920 | 11 |
| 12 | 7.079 | 6.856 | 6.952 | 6.696 | 6.948 | 6.980 | 6.936 | 6.938 | 6.981 | 6.986 | 7.011 | 6.925 | 12 |
| 13 | 7.083 | 6.842 | 6.833 | 6.652 | 6.986 | 6.948 | 6.923 | 6.934 | 6.924 | 6.989 | 6.976 | 6.951 | 13 |
| 14 | 7.085 | 6.986 | 6.808 | 6.783 | 7.005 | 6.988 | 6.898 | 6.942 | 6.943 | 7.009 | 6.938 | 6.914 | 14 |
| 15 | 7.080 | 6.980 | 6.786 | 6.834 | 7.013 | 6.948 | 6.890 | 6.945 | 6.981 | 6.990 | 6.928 | 6.858 | 15 |
| 16 | 7.024 | 6.947 | 6.784 | 6.912 | 7.034 | 6.927 | 6.907 | 6.943 | 6.994 | 6.979 | 6.926 | 6.840 | 16 |
| 17 | 7.003 | 6.904 | 6.789 | 6.986 | 6.989 | 6.916 | 6.922 | 6.939 | 6.986 | 6.988 | 6.931 | 6.810 | 17 |
| 18 | 6.998 | 6.902 | 6.784 | 6.945 | 6.904 | 6.937 | 6.910 | 6.911 | 6.938 | 7.003 | 6.933 | 6.826 | 18 |
| 19 | 6.994 | 6.908 | 6.786 | 6.881 | 6.917 | 6.937 | 6.883 | 6.900 | 6.980 | 6.986 | 6.968 | 6.831 | 19 |
| 20 | 6.974 | 6.897 | 6.820 | 6.808 | 6.983 | 6.915 | 6.906 | 6.893 | 6.994 | 6.957 | 6.998 | 6.853 | 20 |
| 21 | 6.984 | 6.880 | 6.818 | 6.929 | 6.972 | 6.912 | 6.889 | 6.932 | 6.998 | 6.971 | 6.857 | 6.858 | 21 |
| 22 | 6.977 | 6.870 | 6.805 | 7.068 | 6.977 | 6.937 | 6.897 | 6.947 | 6.978 | 7.049 | 6.906 | 6.837 | 22 |
| 23 | 6.985 | 6.875 | 6.870 | 7.005 | 6.984 | 6.986 | 6.878 | 6.890 | 6.982 | 7.078 | 6.942 | 6.822 | 23 |
| 24 | 6.951 | 6.886 | 6.855 | 6.986 | 6.985 | 6.980 | 6.868 | 6.940 | 6.954 | 7.080 | 6.983 | 6.820 | 24 |
| 25 | 6.965 | 6.892 | 6.904 | 7.015 | 6.983 | 6.946 | 6.832 | 6.957 | 6.940 | 7.051 | 6.968 | 6.825 | 25 |
| 26 | 6.952 | 6.918 | 6.863 | 6.989 | 6.988 | 6.965 | 6.828 | 6.969 | 6.988 | 7.064 | 6.968 | 6.833 | 26 |
| 27 | 6.945 | 7.012 | 6.781 | 6.881 | 6.983 | 6.931 | 6.835 | 6.893 | 6.964 | 7.082 | 6.965 | 6.829 | 27 |
| 28 | 6.942 | 7.002 | 6.788 | 6.858 | 6.968 | 6.939 | 6.828 | 6.928 | 7.004 | 7.051 | 6.919 | 6.782 | 28 |
| 29 | 6.934 | | 6.789 | 6.949 | 6.977 | 6.969 | 6.895 | 7.009 | 6.985 | 7.051 | 6.941 | 6.768 | 29 |
| 30 | 6.928 | | 6.751 | 6.933 | 6.970 | 6.914 | 6.867 | 7.015 | 6.918 | 7.067 | 6.964 | 6.780 | 30 |
| 31 | 6.928 | | 6.726 | | 6.988 | | 6.888 | 6.988 | | 7.047 | | 6.850 | 31 |
| MEAN | 7.007 | 6.920 | 6.879 | 6.839 | 6.971 | 6.942 | 6.911 | 6.929 | 6.950 | 7.016 | 6.989 | 6.876 | MEAN |
| MAX | 7.109 | 7.012 | 7.039 | 7.068 | 7.034 | 6.988 | 6.991 | 7.015 | 7.004 | 7.082 | 7.134 | 6.988 | MAX |
| MIN | 6.928 | 6.842 | 6.726 | 6.652 | 6.904 | 6.912 | 6.828 | 6.890 | 6.909 | 6.938 | 6.857 | 6.768 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 6.937
MAXIMUM DAILY, 7.134 ON NOV 10
MINIMUM DAILY, 6.652 ON APR 13
MAXIMUM INSTANTANEOUS,
7.150 AT 08:24 EST ON NOV 10

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 209.998 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 46 28 N
LONG 79 17 40 W

REGULATED

DRAINAGE AREA
6 310 km²

## SEVERN RIVER AT BIG FALLS - STATION NO 02EC008

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.4 | 14.7 E | 2.40 E | 0.405 | 2.23 | 1.91 | 1.91E | 23.2 E | 6.22 | 10.4 | 9.42E | 19.6 | 1 |
| 2 | 20.4 | 14.8 | 2.36 | 0.405 | 2.23E | 1.91 | 1.91 | 23.4 E | 6.92E | 10.7 E | 9.48 | 19.3 | 2 |
| 3 | 20.4 | 14.5 | 2.36 | 0.405 | 2.23E | 1.81 | 3.59E | 23.6 E | 6.82 | 10.9 E | 9.96 | 19.6 | 3 |
| 4 | 20.4 | 14.6 | 8.23 | 9.18 | 2.23 | 1.81 | 6.28E | 23.8 | 6.26 | 11.2 E | 10.2 | 19.3 | 4 |
| 5 | 20.4 | 14.5 | 15.2 | 10.2 | 2.23 | 1.91 | 6.28E | 22.0 | 6.89E | 11.4 | 10.2 | 19.3E | 5 |
| 6 | 17.7 | 14.5 | 14.4 | 2.84 | 2.23 | 1.91E | 6.28 | 22.0 | 6.98E | 11.4 | 10.2 | 19.3E | 6 |
| 7 | 14.4 | 14.5 E | 14.4 E | 0.883 | 2.23 | 1.91E | 9.48 | 22.0 | 6.44E | 10.9 | 10.2 E | 19.3 | 7 |
| 8 | 14.5 | 14.5 E | 14.4 E | 0.883 | 2.23 | 1.81 | 14.5 | 22.0 E | 6.84 | 10.4 | 10.2 E | 19.2 | 8 |
| 9 | 14.5 | 14.5 | 14.4 | 0.883 | 2.23E | 2.23 | 14.5 | 22.0 E | 6.84 | 11.9 | 15.5 | 19.2 | 9 |
| 10 | 14.5E | 14.8 | 14.4 | 8.44 | 2.23E | 2.23 | 14.5 | 22.0 | 6.62 | 11.4 E | 19.6 | 19.6 | 10 |
| 11 | 14.5E | 14.8 | 14.4 | 21.8 | 2.23 | 2.23 | 14.5 E | 22.0 | 6.62 | 10.9 E | 19.6 E | 19.6 | 11 |
| 12 | 14.5 | 14.8 | 14.9 | 27.5 | 2.23 | 2.12 | 14.5 E | 22.0 | 6.62E | 10.4 E | 19.6 | 19.8E | 12 |
| 13 | 14.5 | 14.8 | 19.3 | 12.9 | 1.81 | 2.06E | 14.5 | 22.0 | 6.62E | 9.96 | 19.6 | 19.8E | 13 |
| 14 | 14.5 | 14.8 E | 19.5 E | 2.23 | 1.96 | 1.96E | 14.5 | 22.0 | 6.62 | 10.4 | 19.6 E | 19.6 | 14 |
| 15 | 14.5 | 14.8 E | 19.6 E | 2.23 | 1.81 | 1.91 | 14.5 | 22.0 E | 8.81 | 9.03 | 19.5 E | 19.4 | 15 |
| 16 | 14.5 | 14.8 | 19.7 | 2.23 | 1.91E | 1.91 | 14.5 | 22.0 E | 11.8 | 9.03 | 19.4 | 19.6 | 16 |
| 17 | 14.5E | 7.82 | 19.7 | 2.23 E | 1.91E | 1.91 | 14.5 | 22.0 | 11.8 | 9.18E | 19.6 | 19.6 | 17 |
| 18 | 14.5E | 2.47 | 19.7 | 2.23 E | 1.91E | 1.91 | 14.9 E | 22.0 | 11.4 | 9.34E | 19.6 | 19.6 | 18 |
| 19 | 14.5 | 2.47 | 19.6 | 2.23 E | 1.81 | 1.91 | 15.3 E | 21.3 | 11.6 E | 9.49 | 19.6 | 19.8E | 19 |
| 20 | 14.5 | 2.47 | 19.3 | 2.23 E | 2.12 | 1.91E | 15.8 | 20.3 | 11.7 E | 9.49 | 19.6 E | 20.1E | 20 |
| 21 | 14.5 | 2.47E | 19.3 E | 2.23 | 2.12 | 1.91E | 15.8 | 20.3 | 11.8 | 9.26 | 19.6 E | 20.3 | 21 |
| 22 | 14.5 | 2.47E | 19.6 E | 2.11 | 2.12 | 1.91 | 15.8 | 19.7 E | 11.8 | 9.26 | 19.6 E | 20.3 | 22 |
| 23 | 14.5 | 2.47 | 19.7 | 2.23 | 2.18E | 1.81 | 22.2 | 19.2 E | 11.8 | 9.72 | 19.6 | 20.3 | 23 |
| 24 | 14.5E | 2.47 | 6.16 | 2.23 | 2.19E | 1.96 | 26.6 | 18.6 | 11.8 | 9.72E | 19.6 | 20.3 | 24 |
| 25 | 14.5E | 2.47 | 0.915 | 2.23 E | 2.23 | 1.81 | 26.2 E | 18.6 | 11.4 | 9.72E | 19.6 | 20.3E | 25 |
| 26 | 14.5 | 2.47 | 0.908 | 2.23 E | 2.23 | 1.81 | 27.8 E | 18.6 | 11.4 E | 9.72 | 19.6 | 20.3E | 26 |
| 27 | 14.5 | 2.47 | 0.883 | 2.23 | 2.23 | 1.91E | 27.6 | 14.0 | 11.4 E | 9.96 | 19.6 | 20.3E | 27 |
| 28 | 14.5 | 2.44E | 0.780E | 2.23 | 2.23 | 1.91E | 26.8 | 6.65E | 11.4 | 9.96 | 19.6 E | 20.3E | 28 |
| 29 | 14.5 | | 0.598E | 2.23 | 2.23 | 1.91 | 23.8 | 6.22E | 11.4 | 9.26 | 19.6 E | 20.3 | 29 |
| 30 | 14.5 | | 0.405 | 2.23 | 2.12E | 1.81 | 23.8 | 6.23E | 11.4 | 9.26 | 19.6 | 20.3 | 30 |
| 31 | 14.6E | | 0.405 | | 2.02E | | 23.1 | 6.22 | | 9.34E | | 20.3 | 31 |
| TOTAL | 462.2 | 269.55 | 382.014 | 133.814 | 66.18 | 58.73 | 486.37 | 598.91 | 267.25 | 313.01 | 505.07 | 613.7 | TOTAL |
| MEAN | 15.6 | 9.63 | 12.3 | 4.46 | 2.13 | 1.96 | 15.7 | 19.4 | 8.91 | 10.1 | 16.8 | 19.8 | MEAN |
| MAX | 20.4 | 14.8 | 19.7 | 27.5 | 2.23 | 2.23 | 26.8 | 23.8 | 11.8 | 11.8 | 19.6 | 20.3 | MAX |
| MIN | 14.4 | 2.44 | 0.405 | 0.405 | 1.81 | 1.81 | 1.91 | 6.22 | 6.26 | 9.03 | 9.42 | 19.3 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.4
MAXIMUM DAILY, 28.6 ON JUL 24
MINIMUM DAILY, 0.405 ON MAR 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 28 N
LONG 79 19 41 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 41 700 | JUL | 42 000 |
| FEB | 23 300 | AUG | 51 600 |
| MAR | 33 000 | SEP | 23 100 |
| APR | 11 600 | OCT | 27 000 |
| MAY | 5 720 | NOV | 43 600 |
| JUN | 5 070 | DEC | 53 000 |

TOTAL DISCHARGE, 381 000 dam³

## SEVERN RIVER AT LIMESTONE RAPIDS - STATION NO 04CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3120 | 2700 | 2410 | 2260 | 1 5100 | 741E | 729E | 541 | 697 | 692 | 510 | 3880 | 1 |
| 2 | 3100 | 2680 | 2400 | 2280 | 1 4300 | 788E | 748E | 508 | 510 | 667 | 551 | 3800 | 2 |
| 3 | 3090 | 2670 | 2390 | 2250 | 1 3600 | 753E | 731E | 491 | 595 | 647 | 571 | 3530 | 3 |
| 4 | 3080 | 2660 | 2380 | 2250 | 1 3000 | 749E | 705E | 474 | 505 | 633 | 575 | 3470 | 4 |
| 5 | 3070 | 2650 | 2380 | 2240 | 1 2200 | 752E | 700E | 459 | 570 | 631 | 582 | 3410 | 5 |
| 6 | 3060 | 2640 | 2370 | 2240 | 1 190 | 731E | 697E | 452 | 1 020 | 623 | 5500 | 3340 | 6 |
| 7 | 3040 | 2630 | 2360 | 2280 | 1 180 | 709E | 702E | 458 | 1 020 | 606 | 5500 | 3280 | 7 |
| 8 | 3030 | 2620 | 2360 | 2290 | 1 120 | 673E | 768E | 470 | 1 010 | 593 | 5500 | 3230 | 8 |
| 9 | 3010 | 2610 | 2350 | 2330 | 1 100 | 660E | 839E | 482 | 1 040 | 581 | 5470 | 3180 | 9 |
| 10 | 3000 | 2600 | 2340 | 2400 | 1 110 | 637E | 848E | 482 | 1 080 | 576 | 5430 | 3130 | 10 |
| 11 | 2980 | 2590 | 2340 | 2500 | 1 080 | 618E | 837E | 488 | 1 130 | 566 | 5410 | 3080 | 11 |
| 12 | 2970 | 2580 | 2330 | 2620 | 1 070 | 607E | 1 020E | 533 | 1 250 | 559 | 5370 | 3030 | 12 |
| 13 | 2950 | 2570 | 2320 | 2780 | 1 060 | 598E | 1 030E | 594 | 1 320 | 547 | 5300 | 3000 | 13 |
| 14 | 2940 | 2560 | 2320 | 3100 | 1 030 | 587E | 1 010A | 617 | 1 420 | 554 | 5250 | 2980 | 14 |
| 15 | 2930 | 2550 | 2310 | 3600 | 1 000A | 583E | 959 | 643 | 1 570 | 551 | 5150 | 2910 | 15 |
| 16 | 2910 | 2540 | 2310 | 4450 | 983E | 587E | 912 | 718 | 1 820 | 548 | 5080 | 2880 | 16 |
| 17 | 2900 | 2530 | 2300 | 5350 | 958E | 588E | 880 | 786 | 1 960 | 545 | 5020 | 2820 | 17 |
| 18 | 2890 | 2520 | 2300 | 6850 | 928E | 574E | 870 | 835 | 1 450 | 545 | 4900 | 2780 | 18 |
| 19 | 2880 | 2510 | 2300 | 8300 | 887E | 578E | 865 | 843 | 1 350 | 549 | 4820 | 2740 | 19 |
| 20 | 2850 | 2500 | 2290 | 1 0800 | 885E | 570E | 809 | 839 | 1 250 | 559 | 4860 | 2710 | 20 |
| 21 | 2850 | 2490 | 2290 | 1 2800 | 847E | 560E | 783 | 826 | 1 150 | 553 | 4680 | 2680 | 21 |
| 22 | 2840 | 2480 | 2290 | 1 4800 | 834E | 550E | 770 | 811 | 1 080 | 548 | 4470 | 2640 | 22 |
| 23 | 2830 | 2470 | 2280 | 1 6200 | 805E | 543E | 748 | 815 | 1 010 | 545 | 4350 | 2610 | 23 |
| 24 | 2810 | 2460 | 2280 | 1 7500 | 783E | 547E | 743 | 815 | 985 | 535 | 4250 | 2570 | 24 |
| 25 | 2800 | 2450 | 2280 | 1 9000 | 778E | 551E | 739 | 827 | 918 | 528 | 4150 | 2540 | 25 |
| 26 | 2780 | 2440 | 2280 | 1 8900 | 772E | 558E | 707 | 837 | 850 | 528 | 4080 | 2510 | 26 |
| 27 | 2770 | 2430 | 2270 | 1 8400 | 784E | 571E | 675 | 823 | 807 | 534 | 3970 | 2490 | 27 |
| 28 | 2760 | 2420 | 2270 | 1 7700 | 790E | 606E | 642 | 818 | 788 | 524 | 3900 | 2460 | 28 |
| 29 | 2740 | | 2270 | 1 7100 | 725E | 648E | 605 | 805 | 743 | 503 | 3820 | 2430 | 29 |
| 30 | 2730 | | 2270 | 1 6200 | 685E | 692E | 585 | 824 | 715 | 500 | 3780 | 2410 | 30 |
| 31 | 2710 | | 2260 | | 714E | | 584 | 884 | | 503 | | 2390 | 31 |
| TOTAL | 93 042 | 71 155 | 71 190 | 24 123 | 30 815 | 18 692 | 24 339 | 20 782 | 32 842 | 17 574 | 14 727 | 93 048 | TOTAL |
| MEAN | 292 | 256 | 232 | 804 | 994 | 630 | 785 | 670 | 1 090 | 567 | 491 | 292 | MEAN |
| MAX | 312 | 270 | 241 | 1 900 | 1 510 | 788 | 1 030 | 884 | 1 820 | 692 | 5750 | 388 | MAX |
| MIN | 271 | 242 | 226 | 224 | 595 | 543 | 584 | 482 | 715 | 500 | 375 | 239 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 593
MAXIMUM DAILY, 1 9008 ON APR 25
MINIMUM DAILY, 2248 ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 22 30 N
LONG 88 19 30 W
DRAINAGE AREA, 94 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 781 000 | JUL | 2 100 000 |
| FEB | 618 000 | AUG | 1 800 000 |
| MAR | 831 000 | SEP | 2 820 000 |
| APR | 2 080 000 | OCT | 1 520 000 |
| MAY | 2 660 000 | NOV | 1 270 000 |
| JUN | 1 830 000 | DEC | 782 000 |

TOTAL DISCHARGE, 18 700 000 dam³

## SEVERN RIVER AT LITTLE FALLS - STATION NO 03EC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7 42 | 7 50E | 7 88 E | 0 050E | 0 050E | 0 050E | 3 73E | 2 88E | 1 42 | 0 840 | 1 14E | 8 16 | 1 |
| 2 | 7 42 | 7 42 | 7 76 | 0 050E | 0 050E | 0 050E | 3 72 | 2 88E | 1 35E | 0 935E | 1 14 | 7 91 | 2 |
| 3 | 7 42 | 7 65 | 7 91 | 0 050E | 0 050E | 0 050E | 3 72 | 2 88E | 1 28E | 1 03 E | 1 22 | 8 16 | 3 |
| 4 | 7 42 | 7 65 | 7 91 | 0 050E | 0 050E | 0 050E | 3 72E | 2 88 | 1 22 | 1 13 E | 1 22 | 7 91 | 4 |
| 5 | 7 42 | 7 65 | 7 91 | 0 050E | 0 050E | 0 050E | 3 72E | 2 04 | 1 24E | 1 22 | 1 22 | 7 91E | 5 |
| 6 | 7 42 | 7 85 | 7 42 | 0 050E | 0 050E | 0 050E | 3 72 | 2 04 | 1 27E | 1 22 | 1 22 | 7 91E | 6 |
| 7 | 7 08 | 7 85E | 7 42 E | 0 050E | 0 050E | 0 050E | 3 72 | 2 04 | 1 28E | 1 22 | 1 22E | 7 91 | 7 |
| 8 | 6 52 | 7 85E | 7 42 E | 0 050E | 0 050E | 0 511E | 2 95 | 2 12E | 1 31 | 0 840 | 1 31E | 7 91 | 8 |
| 9 | 6 52 | 7 85 | 7 42 | 0 050E | 0 050E | 0 840 | 2 95 | 2 20E | 1 31 | 1 22 | 2 77 | 7 91 | 9 |
| 10 | 6 52E | 7 20 | 7 85 | 0 050E | 0 050E | 0 840 | 2 95 | 2 28 | 1 31 | 1 13 E | 8 81 | 7 91 | 10 |
| 11 | 6 52E | 7 20 | 7 85 | 1 40 E | 0 050E | 0 840 | 2 95E | 1 92 | 1 31 | 1 03 E | 8 16E | 8 16 | 11 |
| 12 | 6 52 | 7 20 | 7 85 | 2 85 | 0 050E | 0 892 | 2 95E | 1 92 | 1 28E | 0 935E | 8 16 | 7 99E | 12 |
| 13 | 6 52 | 7 20 | 7 42 | 1 20 E | 0 050E | 0 841E | 2 95 | 1 92 | 1 25E | 0 840 | 8 16 | 7 62E | 13 |
| 14 | 6 52 | 7 20E | 7 35 E | 0 050E | 0 050E | 0 891E | 2 95 | 1 92 | 1 22 | 0 892 | 8 16E | 7 85 | 14 |
| 15 | 6 52 | 7 20E | 7 27 E | 0 050E | 0 050E | 0 840 | 2 95 | 2 00E | 1 22 | 0 892 | 8 16E | 7 78 | 15 |
| 16 | 6 52 | 7 20 | 7 20 | 0 050E | 0 050E | 0 840 | 2 95 | 2 08E | 1 22 | 0 918 | 8 16 | 7 85 | 16 |
| 17 | 6 52E | 7 20 | 7 20 | 0 050E | 0 050E | 0 840 | 2 85 | 2 16 | 1 22 | 0 891E | 8 16 | 7 85 | 17 |
| 18 | 6 52E | 7 20 | 7 20 | 0 050E | 0 050E | 0 840 | 3 21E | 2 16 | 1 14 | 0 885E | 8 16 | 7 85 | 18 |
| 19 | 6 52 | 7 65 | 7 20 | 0 050E | 0 050E | 0 840 | 3 48E | 1 92 | 1 14E | 0 840 | 8 16 | 7 82E | 19 |
| 20 | 6 52 | 7 85 | 7 20 | 0 050E | 0 050E | 0 840E | 3 72 | 1 59 | 1 14E | 0 570 | 8 16E | 7 99E | 20 |
| 21 | 6 52 | 7 85E | 7 27 E | 0 050E | 0 050E | 0 840E | 3 81 | 1 50 | 1 14 | 0 570 | 8 16E | 8 16 | 21 |
| 22 | 6 52 | 7 85E | 7 35 E | 0 050E | 0 050E | 0 840 | 3 72 | 1 43E | 1 14 | 1 07 | 8 16E | 8 16 | 22 |
| 23 | 6 52 | 7 85 | 7 42 | 0 050E | 0 050E | 2 58 | 3 72 | 1 37E | 1 14 | 1 14 | 8 16 | 8 16 | 23 |
| 24 | 6 52E | 7 85 | 5 12 E | 0 050E | 0 050E | 3 64 | 3 72 | 1 31 | 1 14 | 1 17 E | 8 16 | 8 16 | 24 |
| 25 | 6 52E | 7 85 | 0 050E | 0 050E | 0 050E | 3 72 | 3 57E | 1 40 | 1 07 | 1 19 E | 7 85 | 8 16E | 25 |
| 26 | 6 52 | 7 85 | 0 050E | 0 050E | 0 050E | 3 72 | 3 41E | 1 40 | 1 12E | 1 22 | 7 85 | 8 16E | 26 |
| 27 | 7 85 | 7 42 | 0 050E | 0 050E | 0 050E | 3 72 E | 3 26 | 1 40 | 1 17E | 1 40 | 8 16 | 8 16E | 27 |
| 28 | 7 85 | 7 54E | 0 050E | 0 050E | 0 050E | 3 72 E | 3 26 | 1 31 | 1 22 | 1 22 | 8 16E | 8 16E | 28 |
| 29 | 7 85 | | 0 050E | 0 050E | 0 050E | 3 72 | 2 95 | 1 40E | 1 22 | 1 14 | 8 16E | 8 16 | 29 |
| 30 | 7 85 | | 0 050E | 0 050E | 0 050E | 3 72 | 2 95 | 1 50E | 1 16 | 1 14 | 8 16 | 8 16 | 30 |
| 31 | 7 57E | | 0 050E | | 0 050E | | 2 68 | 1 59 | | 1 14 E | | 8 16 | 31 |
| TOTAL | 213 66 | 209 43 | 177 350 | 5 500 | 1 550 | 41 465 | 102 98 | 58 84 | 36 87 | 32 054 | 191 28 | 247 52 | TOTAL |
| MEAN | 6 89 | 7 48 | 5 72 | 0 217 | 0 050 | 1 38 | 3 32 | 1 89 | 1 22 | 1 03 | 6 04 | 7 98 | MEAN |
| MAX | 7 85 | 7 85 | 7 91 | 2 85 | 0 050 | 3 72 | 3 81 | 2 88 | 1 42 | 1 40 | 8 16 | 8 16 | MAX |
| MIN | 6 52 | 7 20 | 0 050 | 0 050 | 0 050 | 0 050 | 2 68 | 1 31 | 1 07 | 0 570 | 1 14 | 7 85 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 59
MAXIMUM DAILY, 8 16E ON NOV 11
MINIMUM DAILY, 0 050E ON MAR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 45 N
LONG 79 19 31 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 18 500 | JUL | 8 900 |
| FEB | 18 100 | AUG | 5 070 |
| MAR | 15 300 | SEP | 3 170 |
| APR | 582 | OCT | 2 770 |
| MAY | 134 | NOV | 15 700 |
| JUN | 3 580 | DEC | 21 400 |

TOTAL DISCHARGE, 113 000 dam³

## SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE - STATION NO 04CA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1810 | 1550 | 1370 | 1260 | 4250 | 350 | 269 | 199 | 183 | 128 | 166 | 1360 | 1 |
| 2 | 1800 | 1540 | 1370 | 1290 | 4300 | 371 | 260 | 200 | 184 | 144 | 169 | 1370 | 2 |
| 3 | 1780 | 1530 | 1360 | 1300 | 4320 | 363 | 272 | 215 | 185 | 156 | 169 | 1360 | 3 |
| 4 | 1760 | 1520 | 1350 | 1320 | 4320 | 370 | 260 | 200 | 193 | 145 | 172 | 1350 | 4 |
| 5 | 1770 | 1520 | 1350 | 1330 | 4300 | 379 | 268 | 203 | 189 | 132 | 171 | 1340 | 5 |
| 6 | 1760 | 1510 | 1350 | 1350 | 4260 | 369 | 263 | 204 | 184 | 145 | 174 | 1330 | 6 |
| 7 | 1750 | 1500 | 1340 | 1390 | 4230 | 348 | 268 | 199 | 182 | 154 | 172 | 1320 | 7 |
| 8 | 1740 | 1500 | 1340 | 1440 | 4200 | 357 | 270 | 194 | 182 | 158 | 170 | 1310 | 8 |
| 9 | 1730 | 1500 | 1330 | 1490 | 4150 | 384 | 265 | 201 | 179 | 162 | 168 | 1300 | 9 |
| 10 | 1730 | 1490 | 1330 | 1560 | 4100 | 383 | 251 | 202 | 179 | 173 | 165 | 1290 | 10 |
| 11 | 1720 | 1490 | 1320 | 1640 | 4080 | 358 | 241 | 203 | 176 | 173 | 163 | 1280 | 11 |
| 12 | 1710 | 1480 | 1320 | 1800 | 4020 | 355 | 240 | 193 | 174 | 173 | 160 | 1270 | 12 |
| 13 | 1700 | 1480 | 1310 | 1930 | 3980 | 364 | 239 | 189 | 177 | 178 | 160 | 1260 | 13 |
| 14 | 1700 | 1470 | 1310 | 2070 | 3940 | 389 | 238 | 184 | 179 | 184 | 158 | 1250 | 14 |
| 15 | 1690 | 1480 | 1300 | 2200 | 3900 | 385 | 237 | 205 | 174 | 175 | 155 | 1240 | 15 |
| 16 | 1690 | 1480 | 1300 | 2380 | 3880 | 358 | 232 | 209 | 171 | 170 | 155 | 1230 | 16 |
| 17 | 1680 | 1480 | 1300 | 2630 | 3820 | 386 | 233 | 205 | 168 | 169 | 157 | 1220 | 17 |
| 18 | 1670 | 1440 | 1300 | 2700 | 3780 | 389 | 223 | 200 | 184 | 167 | 1630 | 1210 | 18 |
| 19 | 1680 | 1430 | 1290 | 2880 | 3780 | 361 | 213 | 195 | 168 | 170 | 1530 | 1300 | 19 |
| 20 | 1650 | 1420 | 1290 | 3050 | 371 | 337 | 229 | 190 | 195 | 168 | 1510 | 1200 | 20 |
| 21 | 1640 | 1410 | 1280 | 3220 | 349 | 330 | 235 | 191 | 191 | 168 | 1500 | 1190 | 21 |
| 22 | 1630 | 1410 | 1280 | 3380 | 356 | 314 | 216 | 183 | 188 | 168 | 1480 | 1180 | 22 |
| 23 | 1620 | 1410 | 1270 | 3520 | 361 | 315 | 215 | 180 | 185 | 185 | 1470 | 1170 | 23 |
| 24 | 1620 | 1400 | 1270 | 3580 | 361 | 328 | 213 | 178 | 188 | 187 | 1460 | 1160 | 24 |
| 25 | 1610 | 1400 | 1270 | 3620 | 351 | 320 | 207 | 180 | 189 | 178 | 1450 | 1150 | 25 |
| 26 | 1600 | 1400 | 1270 | 3920 | 345 | 308 | 204 | 178 | 181 | 173 | 1440 | 1140 | 26 |
| 27 | 1600 | 1390 | 1270 | 4000 | 341 | 310 | 199 | 180 | 181 | 168 | 1430 | 1140 | 27 |
| 28 | 1590 | 1380 | 1270 | 4080 | 330 | 304 | 195 | 178 | 167 | 168 | 1420 | 1130 | 28 |
| 29 | 1580 | | 1270 | 4150 | 341 | 299 | 193 | 178 | 167 | 167 | 1410 | 1120 | 29 |
| 30 | 1570 | | 1270 | 4220 | 342 | 298 | 193 | 175 | 165 | 166 | 1400 | 1110 | 30 |
| 31 | 1560 | | 1270 | | 338 | | 195 | 178 | | 167 | | 1100 | 31 |
| TOTAL | 5 215 | 4 093 | 4 052 | 7 492 | 11 840 | 10 320 | 7 261 | 5 882 | 5 078 | 5 088 | 4 708 | 3 830 | TOTAL |
| MEAN | 168 | 146 | 131 | 250 | 385 | 344 | 235 | 193 | 169 | 164 | 157 | 124 | MEAN |
| MAX | 181 | 155 | 137 | 432 | 432 | 379 | 269 | 215 | 193 | 186 | 174 | 138 | MAX |
| MIN | 156 | 138 | 127 | 126 | 330 | 298 | 193 | 175 | 165 | 128 | 140 | 110 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 205
MAXIMUM DAILY, 4320 ON MAY 3
MINIMUM DAILY, 1100 ON DEC 31

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 29 27 N
LONG 91 30 55 W
DRAINAGE AREA, 36 500 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 451 000 | JUL | 630 000 |
| FEB | 354 000 | AUG | 517 000 |
| MAR | 350 000 | SEP | 439 000 |
| APR | 647 000 | OCT | 439 000 |
| MAY | 1 030 000 | NOV | 407 000 |
| JUN | 892 000 | DEC | 331 000 |

TOTAL DISCHARGE, 6 490 000 dam³

## SEVERN RIVER AT SWIPT RAPIDS - STATION NO 02EC003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 78.5 | 45.9 | 23.9 | 148 | 43.6 | 28.6 | 16.6 | 33.8 | 11.5 | 19.1 | 6.29 | 70.0 | 1 |
| 2 | 74.2 | 35.3 | 37.4 | 191 | 35.4 | 22.6 | 16.6 | 34.4 | 18.1 | 14.2 | 18.7 | 68.5 | 2 |
| 3 | 70.1 | 43.4 | 38.9 | 147 | 32.0 | 22.3 | 23.6 | 35.4 | 14.9 | 6.88 | 28.1 | 76.1 | 3 |
| 4 | 64.6 | 48.1 | 38.1 | 137 | 32.1 | 23.1 | 28.8 | 35.3 | 6.81 | 8.10 | 30.0 | 75.6 | 4 |
| 5 | 64.9 | 50.1 | 47.3 | 138 | 37.3 | 19.0 | 21.1 | 33.1 | 4.25 | 18.0 | 24.2 | 78.2 | 5 |
| 6 | 52.7 | 43.2 | 47.2 | 180 | 28.5 | 14.7 | 27.8 | 32.0 | 5.01 | 18.4 | 23.5 | 75.8 | 6 |
| 7 | 47.8 | 35.3 | 47.5 | 148 | 27.5 | 14.2 | 19.6 | 31.1 | 4.18 | 22.4 | 19.1 | 75.4 | 7 |
| 8 | 50.6 | 37.8 | 51.7 | 137 | 26.8 | 20.7 | 31.1 | 33.2 | 21.4 | 19.3 | 22.7 | 72.6 | 8 |
| 9 | 51.6 | 47.5 | 54.4 | 136 | 22.7 | 25.9 | 36.0 | 34.7 | 15.9 | 15.7 | 37.4 | 73.5 | 9 |
| 10 | 50.4 | 42.8 | 54.1 | 134 | 23.9 | 17.6 | 31.3 | 34.0 | 12.7 | 4.53 | 46.9 | 78.1 | 10 |
| 11 | 46.7 | 41.7 | 75.5 | 133 | 28.7 | 26.3 | 25.9 | 31.0 | 6.84 | 3.96 | 47.4 | 87.6 | 11 |
| 12 | 49.9 | 43.6 | 83.6 | 133 | 28.7 | 24.0 | 27.3 | 28.6 | 3.26 | 6.26 | 51.4 | 89.6 | 12 |
| 13 | 50.1 | 41.8 | 82.9 | 111 | 24.2 | 13.9 | 38.4 | 28.9 | 8.34 | 15.9 | 53.3 | 102 | 13 |
| 14 | 46.1 | 38.5 | 80.1 | 88.4 | 25.9 | 16.8 | 40.8 | 27.8 | 10.9 | 14.2 | 52.7 | 102 | 14 |
| 15 | 48.4 | 36.7 | 79.0 | 81.3 | 26.9 | 28.9 | 36.5 | 27.2 | 16.7 | 14.8 | 53.0 | 102 | 15 |
| 16 | 50.9 | 41.6 | 73.5 | 88.2 | 21.9 | 23.9 | 28.5 | 27.0 | 19.8 | 16.3 | 53.7 | 102 | 16 |
| 17 | 43.8 | 30.3 | 75.2 | 84.6 | 21.2 | 21.2 | 35.4 | 31.7 | 25.2 | 11.2 | 53.5 | 102 | 17 |
| 18 | 39.9 | 26.8 | 89.3 | 90.5 | 26.5 | 21.8 | 34.3 | 30.4 | 20.5 | 2.15 | 53.3 | 98.8 | 18 |
| 19 | 44.5 | 26.3 | 89.0 | 91.1 | 33.2 | 18.6 | 34.5 | 23.2 | 11.4 | 22.2 | 49.1 | 94.4 | 19 |
| 20 | 42.6 | 33.0 | 89.4 | 91.3 | 26.5 | 12.2 | 34.8 | 26.2 | 5.69 | 26.1 | 52.4 | 83.3 | 20 |
| 21 | 42.7 | 28.5 | 70.3 | 91.3 | 27.8 | 13.6 | 34.5 | 28.4 | 21.5 | 12.7 | 39.6 | 83.7 | 21 |
| 22 | 44.7 | 25.4 | 70.1 | 44.6 | 17.8 | 23.8 | 32.7 | 26.4 | 17.4 | 10.6 | 33.1 | 93.8 | 22 |
| 23 | 44.8 | 26.4 | 76.1 | 46.4 | 7.36 | 21.8 | 41.8 | 22.4 | 12.8 | 10.2 | 45.8 | 88.1 | 23 |
| 24 | 37.9 | 29.5 | 88.8 | 43.6 | 18.7 | 18.4 | 39.7 | 31.7 | 17.8 | --- | 50.1 | 88.9 | 24 |
| 25 | 46.1 | 30.3 | 101 | 40.0 | 27.3 | 18.3 | 40.1 | 19.5 | 12.3 | 12.6 | 58.9 | 97.7 | 25 |
| 26 | 44.8 | 24.8 | 118 | 42.3 | 29.9 | 15.9 | 38.5 | 19.4 | 4.67 | 16.2 | 60.4 | 97.2 | 26 |
| 27 | 47.8 | 31.7 | 125 | 38.8 | 26.5 | 20.0 | 35.5 | 16.8 | 8.91 | 25.8 | 60.6 | 97.8 | 27 |
| 28 | 40.5 | 23.7 | 126 | 43.3 | 21.3 | 17.7 | 34.3 | 13.5 | 20.9 | 22.4 | 59.0 | 98.3 | 28 |
| 29 | 41.4 | | 86.7 | 49.0 | 15.8 | 17.4 | 34.0 | 10.5 | 21.2 | 26.6 | 58.1 | 93.1 | 29 |
| 30 | 43.8 | | 137 | 39.3 | 11.3 | 21.2 | 33.8 | 5.52 | 16.6 | 16.9 | 57.3 | 78.2 | 30 |
| 31 | 43.1 | | 147 | | 20.6 | | 34.1 | 16.0 | | 4.96 | | 70.6 | 31 |
| TOTAL | 1 548.1 | 1 015.1 | 2 366.0 | 2 696.6 | 787.86 | 600.5 | 993.3 | 825.92 | 406.16 | --- | 1 276.59 | 2 743.6 | TOTAL |
| MEAN | 49.9 | 36.3 | 76.3 | 89.9 | 25.4 | 20.0 | 32.0 | 26.6 | 13.5 | --- | 42.6 | 88.5 | MEAN |
| MAX | 78.5 | 50.1 | 147 | 191 | 43.6 | 28.6 | 41.8 | 35.4 | 25.2 | --- | 60.6 | 102 | MAX |
| MIN | 37.9 | 23.7 | 23.9 | 38.6 | 7.36 | 12.2 | 16.6 | 5.52 | 3.26 | --- | 6.29 | 88.5 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 191 ON APR 2
MINIMUM DAILY, 2.15 ON OCT 18

DATA CONTRIBUTED BY -
ORILLIA LIGHT AND POWER

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 44 51 26 N
LONG 79 32 30 W
DRAINAGE AREA, 5 650 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 134 000 | JUL | 85 800 |
| FEB | 87 700 | AUG | 71 400 |
| MAR | 204 000 | SEP | 35 100 |
| APR | 233 000 | OCT | --- |
| MAY | 88 100 | NOV | 110 000 |
| JUN | 51 900 | DEC | 237 000 |

## SEVERN RIVER AT WASHAGO - STATION NO 02EC005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.01 | 4.02E | 4.28E | 8.01 | 9.91 | 11.1 | 8.01E | 9.00E | 8.54 | 4.86 | 5.02E | 4.84 | 1 |
| 2 | 4.01 | 4.03 | 4.47 | 8.01 | 9.91E | 11.1 | 8.01 | 8.94E | 8.30E | 5.04E | 5.10 | 4.86 | 2 |
| 3 | 4.01 | 4.01 | 4.43 | 8.53 | 9.91E | 11.1 | 8.01 | 8.67E | 8.06 | 5.22E | 5.32 | 5.34 | 3 |
| 4 | 4.01 | 4.01 | 4.43 | 8.27E | 9.91 | 10.5 | 7.93E | 8.80 | 8.06 | 5.40E | 5.58 | 4.85 | 4 |
| 5 | 4.01 | 4.01 | 4.43 | 8.01 | 9.91 | 10.5 | 7.84E | 8.01 | 8.00E | 5.58 | 5.34 | 4.79E | 5 |
| 6 | 4.01 | 4.01 | 4.22 | 8.53 | 9.91 | 10.6 E | 7.76 | 8.01 | 8.94E | 5.58 | 5.10 | 4.71E | 6 |
| 7 | 4.01 | 4.01E | 4.22E | 9.35 | 9.07 | 11.1 E | 8.84 | 8.01 | 8.88E | 5.58 | 5.58 | 4.84 | 7 |
| 8 | 4.01 | 4.01E | 4.22E | 9.35 | 9.91 | 11.4 | 9.91 | 8.08E | 8.82 | 4.86 | 5.28E | 4.85 | 8 |
| 9 | 4.01 | 4.01 | 4.22 | 9.91 | 10.1 E | 9.91 | 9.91 | 8.18E | 8.82 | 5.82 | 5.34 | 4.85 | 9 |
| 10 | 4.01E | 4.01 | 4.84 | 9.91 | 10.3 E | 9.91 | 9.91 | 8.26 | 8.82 | 5.58E | 5.34 | 5.10 | 10 |
| 11 | 4.01E | 4.01 | 4.84 | 9.91E | 10.5 | 9.91 | 9.91E | 7.76 | 8.82 | 5.34E | 5.22E | 5.10 | 11 |
| 12 | 4.01 | 4.01 | 4.85 | 9.91E | 9.35 | 10.2 | 9.91E | 7.76 | 8.82E | 5.10E | 5.10 | 5.18E | 12 |
| 13 | 4.01 | 4.01 | 4.43 | 9.91 | 9.91 | 10.1 E | 9.91 | 7.76 | 8.82E | 4.86 | 5.58 | 5.28E | 13 |
| 14 | 4.01 | 4.01E | 4.50E | 10.2 | 10.7 | 10.0 E | 9.91 | 7.76 | 8.82 | 5.34 | 5.34E | 5.34 | 14 |
| 15 | 4.01 | 4.01E | 4.57E | 10.5 | 8.53 | 9.91 | 9.91 | 7.84E | 8.82 | 4.86 | 5.10E | 5.17 | 15 |
| 16 | 4.01 | 4.01 | 4.84 | 10.8 | 8.68E | 9.91 | 9.91 | 7.93E | 8.82 | 4.86 | 4.86 | 5.34 | 16 |
| 17 | 4.01E | 3.80 | 4.84 | 10.7 E | 9.22E | 9.63 | 9.91 | 8.01 | 8.82 | 4.88E | 5.34 | 4.86 | 17 |
| 18 | 4.01E | 3.80 | 4.84 | 10.5 E | 9.57E | 9.91 | 10.1 E | 8.01 | 8.34 | 4.88E | 5.58 | 4.86 | 18 |
| 19 | 4.01 | 3.80 | 4.84 | 10.4 E | 9.91 | 9.91 | 10.3 E | 7.76 | 8.42E | 4.86 | 5.58 | 5.10E | 19 |
| 20 | 4.01 | 3.80 | 4.43 | 10.3 E | 10.5 | 9.91E | 10.5 | 7.02 | 8.80E | 4.22 | 5.40E | 5.34E | 20 |
| 21 | 4.01 | 3.80E | 4.57E | 10.2 | 10.5 | 9.91E | 10.5 | 7.02 | 8.58 | 4.22 | 5.22E | 5.58 | 21 |
| 22 | 4.01 | 3.80E | 4.72E | 9.74 | 10.5 | 9.91 | 10.5 | 8.74E | 8.58 | 4.84 | 5.04E | 5.58 | 22 |
| 23 | 4.01 | 3.80 | 4.86 | 10.5 | 10.3 E | 9.42 | 10.5 | 8.54E | 8.82 | 4.86 | 4.83 | 5.58 | 23 |
| 24 | 4.01E | 3.80 | 5.34 | 9.07 | 10.1 E | 8.34 | 10.5 | 8.30 | 8.34 | 4.94E | 4.86 | 5.34 | 24 |
| 25 | 4.01E | 3.80 | 5.58 | 9.58E | 9.91 | 8.01 | 10.3 E | 8.78 | 8.34 | 5.02E | 4.43 | 5.34E | 25 |
| 26 | 4.01 | 3.80 | 5.06 | 10.0 E | 9.91 | 8.01 | 10.1 E | 8.78 | 8.42E | 5.10 | 4.86 | 5.34E | 26 |
| 27 | 4.01 | 3.80 | 5.06 | 10.5 | 10.5 | 8.01E | 9.91 | 8.78 | 8.50E | 5.10 | 4.84 | 5.34E | 27 |
| 28 | 4.01 | 4.02E | 5.30E | 10.5 | 10.5 | 8.01E | 9.35 | 8.30 | 8.58 | 5.10 | 4.78E | 5.34E | 28 |
| 29 | 4.01 | | 5.54E | 9.91 | 10.6 | 8.01 | 9.35 | 8.38E | 8.82 | 4.86 | 4.95E | 5.34 | 29 |
| 30 | 4.01 | | 6.78 | 9.07 | 10.7 E | 8.01 | 9.35 | 8.46E | 8.78 | 4.86 | 5.10 | 5.34 | 30 |
| 31 | 4.02E | | 7.02 | | 10.9 E | | 9.07 | 8.54 | | 4.84E | | 5.34 | 31 |
| TOTAL | 124.32 | 110.01 | 153.38 | 280.18 | 310.23 | 282.46 | 296.83 | 234.44 | 172.97 | 156.32 | 154.43 | 159.87 | TOTAL |
| MEAN | 4.01 | 3.93 | 4.95 | 9.67 | 10.0 | 9.78 | 9.54 | 7.56 | 5.77 | 5.04 | 5.15 | 5.15 | MEAN |
| MAX | 4.02 | 4.03 | 7.02 | 10.8 | 10.9 | 11.4 | 10.5 | 9.00 | 8.54 | 5.82 | 5.58 | 5.58 | MAX |
| MIN | 4.01 | 3.80 | 4.22 | 8.01 | 8.53 | 8.01 | 7.76 | 8.30 | 8.34 | 4.22 | 4.43 | 4.84 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.72
MAXIMUM DAILY, 11.4 ON JUN 8
MINIMUM DAILY, 3.80 ON FEB 17

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 45 50 N
LONG 79 19 49 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 10 700 | JUL | 25 800 |
| FEB | 9 500 | AUG | 20 300 |
| MAR | 13 200 | SEP | 14 800 |
| APR | 25 100 | OCT | 13 500 |
| MAY | 26 800 | NOV | 13 300 |
| JUN | 25 300 | DEC | 13 800 |

TOTAL DISCHARGE, 212 000 dam³

## SEVERN RIVER BELOW WASHAGO - STATION NO 02EC004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 49.2 | 30.8 | 19.1 | 10.4 | 15.0 | 16.1 | 16.5 | 38.3 | 16.2 | 17.3 | 15.5 | 44.2 | 1 |
| 2 | 48.9 | 30.8 | 18.5 | 10.4 | 15.0 | 16.3 | 16.5 | 38.5 | 15.4 | 17.9 | 16.8 | 43.9 | 2 |
| 3 | 48.9 | 30.7 | 18.5 | 11.1 | 14.9 | 16.4 | 16.2 | 38.6 | 14.6 | 18.4 | 17.5 | 45.8 | 3 |
| 4 | 48.9 | 30.7 | 28.4 | 19.5 | 14.8 | 16.5 | 15.8 | 38.7 | 14.3 | 19.0 | 18.2 | 44.0 | 4 |
| 5 | 48.9 | 30.7 | 32.4 | 20.2 | 14.9 | 16.5 | 15.7 | 35.1 | 14.6 | 19.6 | 17.9 | 43.8 | 5 |
| 6 | 39.0 | 30.7 | 34.8 | 13.8 | 14.8 | 15.9 | 15.7 | 36.2 | 15.0 | 19.8 | 17.5 | 43.6 | 6 |
| 7 | 30.3 | 30.7 | 34.8 | 12.6 | 13.8 | 16.3 | 25.4 | 36.3 | 15.3 | 19.0 | 17.8 | 43.5 | 7 |
| 8 | 29.8 | 30.7 | 34.8 | 12.8 | 14.8 | 17.1 | 30.3 | 35.4 | 15.6 | 17.2 | 17.8 | 44.0 | 8 |
| 9 | 29.8 | 30.7 | 35.0 | 13.5 | 15.1 | 16.0 | 30.3 | 35.8 | 15.8 | 20.6 | 25.1 | 44.0 | 9 |
| 10 | 29.8 | 30.6 | 35.8 | 21.3 | 15.4 | 16.2 | 30.4 | 35.5 | 14.4 | 19.8 | 38.3 | 44.8 | 10 |
| 11 | 29.8 | 30.6 | 39.3 | 36.0 | 15.6 | 16.1 | 30.4 | 34.5 | 14.4 | 18.8 | 45.5 | 44.8 | 11 |
| 12 | 29.8 | 30.6 | 45.1 | 42.8 | 14.1 | 16.8 | 30.5 | 34.5 | 14.4 | 17.8 | 45.4 | 44.7 | 12 |
| 13 | 29.7 | 30.8 | 48.1 | 25.8 | 14.9 | 16.2 | 30.8 | 34.8 | 14.3 | 18.7 | 46.0 | 44.8 | 13 |
| 14 | 29.8 | 30.6 | 48.3 | 15.8 | 15.7 | 15.9 | 30.8 | 34.8 | 14.3 | 18.1 | 45.7 | 43.7 | 14 |
| 15 | 29.8 | 30.5 | 48.3 | 18.0 | 15.8 | 15.8 | 30.5 | 34.7 | 18.4 | 18.0 | 45.2 | 44.7 | 15 |
| 16 | 29.8 | 30.5 | 48.4 | 18.4 | 13.3 | 15.7 | 30.5 | 34.9 | 20.5 | 15.8 | 44.7 | 45.1 | 16 |
| 17 | 29.8 | 23.3 | 48.4 | 18.2 | 13.7 | 15.2 | 30.7 | 35.1 | 20.4 | 16.0 | 45.8 | 45.8 | 17 |
| 18 | 29.8 | 18.0 | 48.4 | 18.0 | 14.1 | 15.6 | 31.9 | 35.0 | 19.1 | 16.2 | 45.8 | 45.8 | 18 |
| 19 | 29.8 | 18.4 | 48.3 | 18.7 | 14.5 | 15.6 | 32.5 | 33.7 | 19.5 | 16.4 | 45.0 | 45.4 | 19 |
| 20 | 29.8 | 18.4 | 47.8 | 18.4 | 15.5 | 15.6 | 33.5 | 31.4 | 19.7 | 15.3 | 45.7 | 47.2 | 20 |
| 21 | 29.8 | 18.4 | 46.5 | 18.2 | 15.5 | 15.5 | 33.3 | 31.3 | 20.1 | 14.9 | 45.3 | 48.0 | 21 |
| 22 | 29.8 | 18.4 | 41.8 | 14.8 | 15.4 | 15.9 | 33.2 | 30.2 | 20.2 | 15.6 | 44.9 | 48.0 | 22 |
| 23 | 29.6 | 18.4 | 32.4 | 15.9 | 15.6 | 16.7 | 29.4 | 29.2 | 20.4 | 16.7 | 44.5 | 48.0 | 23 |
| 24 | 29.6 | 18.4 | 17.0 | 13.9 | 15.1 | 16.8 | 46.0 | 28.1 | 19.7 | 16.8 | 44.5 | 47.8 | 24 |
| 25 | 29.7 | 18.4 | 7.11 | 14.6 | 14.8 | 16.5 | 45.2 | 28.9 | 19.1 | 16.8 | 41.9 | 47.8 | 25 |
| 26 | 29.7 | 18.4 | 7.86 | 15.2 | 14.8 | 16.7 | 44.4 | 28.9 | 19.3 | 16.9 | 42.5 | 47.8 | 26 |
| 27 | 30.8 | 18.2 | 8.03 | 15.8 | 15.8 | 16.7 | 43.5 | 24.1 | 18.5 | 17.4 | 44.3 | 47.8 | 27 |
| 28 | 30.9 | 18.6 | 8.21 | 15.9 | 15.8 | 16.7 | 41.4 | 18.2 | 19.7 | 17.4 | 44.6 | 50.9 | 28 |
| 29 | 30.8 | | 8.38 | 15.1 | 15.8 | 16.8 | 39.6 | 18.0 | 20.0 | 16.1 | 44.9 | 54.0 | 29 |
| 30 | 30.7 | | 8.56 | 13.9 | 15.8 | 16.9 | 40.0 | 18.2 | 20.0 | 15.1 | 45.2 | 54.0 | 30 |
| 31 | 30.7 | | 8.89 | | 15.9 | | 38.3 | 18.4 | | 15.3 | | 54.7 | 31 |
| TOTAL | 1 033.9 | 715.9 | 954.44 | 512.9 | 482.2 | 483.8 | 982.5 | 976.8 | 524.0 | 535.8 | 1 102.2 | 1 444.1 | TOTAL |
| MEAN | 33.4 | 25.8 | 30.8 | 17.1 | 14.9 | 16.1 | 31.7 | 31.5 | 17.5 | 17.3 | 36.7 | 46.6 | MEAN |
| MAX | 49.2 | 30.9 | 48.4 | 42.8 | 15.9 | 17.1 | 46.0 | 38.7 | 20.5 | 20.6 | 46.0 | 54.7 | MAX |
| MIN | 29.7 | 18.0 | 7.11 | 10.4 | 12.9 | 15.2 | 15.5 | 18.0 | 14.3 | 14.8 | 16.5 | 43.5 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.7
MAXIMUM DAILY, 54.7 ON DEC 31
MINIMUM DAILY, 7.11 ON MAR 25

TYPE OF GAUGE -
LOCATION - LAT 44 45 16 N
LONG 79 19 08 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 89 300 | JUL | 84 900 |
| FEB | 61 900 | AUG | 84 400 |
| MAR | 82 500 | SEP | 45 300 |
| APR | 44 300 | OCT | 46 200 |
| MAY | 39 900 | NOV | 95 200 |
| JUN | 41 800 | DEC | 128 000 |

TOTAL DISCHARGE, 841 000 dam³

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC005, 02EC008, 02EC007 AND 02EC013

## SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE - STATION NO 04DC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.10B | 5.20B | 3.89B | 4.40B | 117 | 54.7 | 85.3 | 14.4 | 83.3 | 83.5 | 33.5 | 14.0 B | 1 |
| 2 | 5.00B | 5.13B | 3.87B | 4.40B | 110 | 53.3 | 80.1 | 12.4 | 132 | 78.5 | 33.8 | 13.5 B | 2 |
| 3 | 7.80B | 5.07B | 3.85B | 4.40B | 105 | 48.1 | 80.4 | 11.1 | 150 | 77.3 | 33.6 | 13.2 B | 3 |
| 4 | 7.70B | 5.02B | 3.83B | 4.35B | 99.3 | 49.5 | 80.1 | 11.0 | 155 | 69.9 | 34.5 | 12.9 B | 4 |
| 5 | 7.60B | 4.97B | 3.82B | 4.25B | 94.8 | 49.0 | 58.4 | 11.1 | 156 | 64.5 | 28.4 | 12.8 B | 5 |
| 6 | 7.50B | 4.93B | 3.80B | 4.18B | 87.2 | 47.3 | 52.4 | 10.8 | 155 | 61.4 | 32.2 | 12.3 B | 6 |
| 7 | 7.35B | 4.87B | 3.74B | 4.04B | 87.1 | 46.0 | 49.2 | 10.0 | 150 | 83.7 | 29.9 | 12.0 B | 7 |
| 8 | 7.25B | 4.80B | 3.75B | 4.00B | 86.2 | 43.8 | 45.0 | 10.1 | 143 | 62.7 | 28.58 | 11.7 B | 8 |
| 9 | 7.20B | 4.74B | 3.73B | 3.95B | 83.0 | 42.1 | 41.9 | 10.5 | 134 | 60.9 | 27.88 | 11.4 B | 9 |
| 10 | 7.10B | 4.68B | 3.71B | 3.95B | 83.9 | 39.0 | 37.4 | 9.82 | 125 | 58.8 | 27.08 | 11.1 B | 10 |
| 11 | 7.00B | 4.61B | 3.70B | 3.85B | 83.6 | 37.4 | 32.8 | 11.8 | 117 | 55.9 | 26.08 | 10.8 B | 11 |
| 12 | 6.90B | 4.55B | 3.70B | 3.97B | 84.3 | 35.8 | 32.2 | 11.5 | 111 | 53.9 | 25.08 | 10.5 B | 12 |
| 13 | 6.80B | 4.50B | 3.70B | 3.98B | 87.7 | 34.2 | 29.5 | 11.1 | 124 | 52.3 | 24.38 | 10.2 B | 13 |
| 14 | 6.70B | 4.45B | 3.70B | 4.02B | 86.0 | 28.6 | 28.7 | 10.8 | 154 | 49.2 | 23.78 | 10.0 B | 14 |
| 15 | 6.60B | 4.40B | 3.70B | 4.06B | 91.3 | 28.8 | 27.9 | 11.0 | 182 | 47.8 | 23.08 | 9.70B | 15 |
| 16 | 6.50B | 4.35B | 3.70B | 4.40B | 89.9 | 28.2 | 26.9 | 10.7 | 199 | 47.5 | 22.38 | 9.50B | 16 |
| 17 | 6.42B | 4.30B | 3.70B | 5.10B | 90.4 | 28.8 | 25.2 | 10.6 | 203 | 45.8 | 22.89 | 9.30B | 17 |
| 18 | 6.38B | 4.25B | 3.70B | 13.9 B | 88.8 | 24.3 | 23.5 | 11.2 | 203 | 44.2 | 23.08 | 9.00B | 18 |
| 19 | 6.27B | 4.21B | 3.71B | 40.0 B | 86.5 | 21.1 | 23.8 | 11.9 | 194 | 43.3 | 22.08 | 8.60B | 19 |
| 20 | 6.18B | 4.18B | 3.73B | 86.0 B | 81.7 | 21.4 | 23.8 | 13.3 | 184 | 41.9 | 21.08 | 8.65B | 20 |
| 21 | 6.09B | 4.14B | 3.78B | 115 B | 74.9 | 18.6 | 23.2 | 14.2 | 172 | 42.6 | 20.28 | 8.45B | 21 |
| 22 | 6.00B | 4.10B | 3.85B | 145 B | 75.1 | 18.8 | 21.3 | 14.2 | 160 | 42.9 | 19.58 | 8.25B | 22 |
| 23 | 5.90B | 4.06B | 3.92B | 163 | 71.0 | 17.7 | 20.9 | 17.0 | 146 | 42.5 | 18.88 | 8.00B | 23 |
| 24 | 5.80B | 4.03B | 4.02B | 173 | 68.9 | 16.6 | 20.3 | 24.7 | 138 | 40.9 | 17.78 | 7.80B | 24 |
| 25 | 5.71B | 4.00B | 4.13B | 173 | 62.6 | 15.1 | 19.8 | 28.5 | 129 | 39.0 | 17.08 | 7.60B | 25 |
| 26 | 5.62B | 3.96B | 4.22B | 164 | 60.1 | 13.5 | 18.2 | 29.0 | 119 | 37.7 | 16.28 | 7.45B | 26 |
| 27 | 5.55B | 3.97B | 4.24B | 151 | 56.3 | 15.5 | 16.3 | 27.5 | 111 | 37.6 | 15.88 | 7.30B | 27 |
| 28 | 5.47B | 3.95B | 4.30B | 142 | 54.4 | 25.2 | 16.5 | 28.0 | 101 | 37.6 | 15.18 | 7.15B | 28 |
| 29 | 5.41B | | 4.35B | 132 | 52.4 | 35.0 | 16.2 | 27.2 | 94.6 | 35.2 | 14.78 | 6.95B | 29 |
| 30 | 5.36B | | 4.38B | 125 | 51.9 | 45.6 | 15.8 | 30.3 | 89.0 | 31.1 | 14.38 | 6.70B | 30 |
| 31 | 5.30B | | 4.40B | | 52.2 | | 15.5 | 49.8 | | 32.5 | | 6.80B | 31 |
| TOTAL | 203.53 | 125.42 | 120.69 | 1 894.30 | 2 504.3 | 984.0 | 998.3 | 511.12 | 4 323.9 | 1 583.1 | 711.1 | 303.50 | TOTAL |
| MEAN | 6.57 | 4.48 | 3.89 | 58.5 | 80.8 | 32.8 | 32.1 | 16.5 | 144 | 51.1 | 23.7 | 9.79 | MEAN |
| MAX | 8.10 | 5.20 | 4.40 | 173 | 117 | 84.7 | 80.4 | 47.8 | 203 | 83.5 | 34.8 | 14.0 | MAX |
| MIN | 5.30 | 3.95 | 3.70 | 3.95 | 51.9 | 13.5 | 15.5 | 9.82 | 89.0 | 31.1 | 14.3 | 6.80 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.5
MAXIMUM DAILY, 203 ON SEP 17
MINIMUM DAILY, 3.70B ON MAR 11
MAXIMUM INSTANTANEOUS,
205 AT 07 23 EST ON SEP 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 00 N
LONG 85 39 00 W
DRAINAGE AREA, 4 710 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 17 500 | JUL | 85 100 |
| FEB | 10 800 | AUG | 44 200 |
| MAR | 10 400 | SEP | 374 000 |
| APR | 164 000 | OCT | 137 000 |
| MAY | 216 000 | NOV | 61 400 |
| JUN | 85 000 | DEC | 26 200 |

TOTAL DISCHARGE, 1 210 000 dam³

## SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE - STATION NO. 02ABO11

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.00 | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 4.80 | 4.90 | 4.10 | 1 |
| 2 | 3.90 | 1.20 | 2.00 | 0 | 0 | 0 | 0 | 0 | 0 | 4.80 | 4.80 | 4.00 | 2 |
| 3 | 3.80 | 1.20 | 2.00 | 0 | 0 | 0 | 0 | 0 | 0 | 4.80 | --- | 4.00 | 3 |
| 4 | 3.80 | --- | 2.00 | 0 | 0 | 0 | 0 | 0 | 0 | 4.70 | --- | 5.30 | 4 |
| 5 | 3.70 | --- | 3.30 | 0 | 0 | 0 | 0 | 0 | 0 | 4.70 | --- | 5.20 | 5 |
| 6 | 2.30 | 5.20 | 5.20 | 0 | 0 | 0 | 0 | 0 | 0 | 4.80 | --- | 5.00 | 6 |
| 7 | 1.10 | 5.00 | --- | 0 | 0 | 0 | 0 | 0 | 0 | 4.80 | --- | 5.80 | 7 |
| 8 | 1.00 | 4.80 | --- | 0 | 0 | 0 | 0 | 0 | 0 | 4.40 | --- | 5.80 | 8 |
| 9 | 1.00 | 4.60 | 4.30 | 0 | 0 | 0 | 0 | 0 | 0 | 9.00 | 4.70 | 5.70 | 9 |
| 10 | 1.10 | 4.50 | 4.10 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 4.70 | 5.60 | 10 |
| 11 | 1.10 | 4.30 | 4.10 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 4.80 | 5.40 | 11 |
| 12 | 1.10 | 4.10 | 4.10 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 4.80 | --- | 12 |
| 13 | 1.10 | 3.10 | 4.10 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 4.80 | 5.40 | 13 |
| 14 | 1.20 | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | --- | 4.50 | --- | 14 |
| 15 | 1.20 | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 11.1 | 4.40 | 5.30 | 15 |
| 16 | 1.20 | 1.80 | 3.80 | 0 | 0 | 0 | 0 | 0 | 0 | 10.9 | 4.40 | --- | 16 |
| 17 | 1.20 | 1.80 | 3.80 | 0 | 0 | 0 | 0 | 0 | 0 | 10.9 | 4.30 | 5.00 | 17 |
| 18 | 1.20 | 1.80 | 3.80 | 0 | 0 | 0 | 0 | 0 | 0 | 10.7 | 4.30 | 5.00 | 18 |
| 19 | 1.20 | 1.80 | 3.50 | 0 | 0 | 0 | 0 | 0 | 0 | 7.80 | 4.30 | 5.00 | 19 |
| 20 | 1.20 | 1.80 | 3.30 | 0 | 0 | 0 | 0 | 0 | 0 | 5.80 | --- | 4.90 | 20 |
| 21 | 1.20 | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 5.90 | --- | --- | 21 |
| 22 | 1.20 | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | 22 |
| 23 | 1.20 | 1.80 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 5.50 | --- | --- | 23 |
| 24 | 1.20 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.40 | 4.20 | --- | 24 |
| 25 | 1.20 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.40 | 4.20 | --- | 25 |
| 26 | 1.20 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.30 | 4.20 | --- | 26 |
| 27 | 1.20 | 1.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.20 | 4.10 | --- | 27 |
| 28 | 1.20 | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | --- | 4.10 | --- | 28 |
| 29 | 1.20 | | --- | 0 | 0 | 0 | 0 | 0 | 3.30 | --- | 4.10 | 4.40 | 29 |
| 30 | 1.20 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.10 | 4.10 | --- | 30 |
| 31 | --- | | 0 | | 0 | | 0 | 0 | | 5.00 | | --- | 31 |
| TOTAL | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 3.30 | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0.110 | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 3.30 | --- | --- | --- | MAX |
| MIN | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 37 11 N
LONG 90 03 42 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 0 |
| FEB | --- | AUG | 0 |
| MAR | --- | SEP | 285 |
| APR | 0 | OCT | --- |
| MAY | 0 | NOV | --- |
| JUN | 0 | DEC | --- |

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1924

REMARKS - DATA PUBLISHED AS RECEIVED FROM CONTRIBUTOR

## SHEBANDOWAN RIVER AT SUNSHINE - STATION NO 02AB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.608 | 4.758 | 4.608 | 7.30 | 7.02 | 10.2 | 2.95 | 8.90 | 11.4 | 16.0 | 15.8 | 13.2 | 1 |
| 2 | 5.558 | 4.778 | 4.608 | 6.55 | 8.57 | 10.6 | 3.01 | 9.82 | 10.7 | 15.6 | 15.6 | 12.8 | 2 |
| 3 | 5.528 | 4.758 | 4.608 | 8.37 | 8.29 | 11.0 | 3.20 | 8.77 | 10.5 | 16.1 | 17.0 | 11.9 | 3 |
| 4 | 5.508 | 4.728 | 4.608 | 6.38 | 8.83 | 10.6 | 2.98 | 8.03 | 10.4 | 15.2 | 16.5 | 11.5 | 4 |
| 5 | 5.478 | 4.718 | 4.608 | 7.19 | 8.57 | 11.1 | 2.91 | 7.24 | 9.69 | 14.8 | 15.8 | 11.6 E | 5 |
| 6 | 5.438 | 4.708 | 4.758 | 8.63 | 9.34 | 10.9 | 2.91 | 8.27 | 10.9 | 14.7 | 15.8 | 12.0 E | 6 |
| 7 | 5.418 | 4.708 | 5.008 | 10.7 | 9.13 | 10.4 | 2.88 | 8.44 | 12.7 | 14.4 | 14.8 | 12.2 E | 7 |
| 8 | 5.408 | 4.688 | 5.308 | 12.2 | 9.12 | 9.69 | 2.80 | 8.61 | 14.7 | 14.1 | 14.4 | 12.4 E | 8 |
| 9 | 5.388 | 4.688 | 5.908 | 13.2 | 9.10 | 8.88 | 2.81 | 8.84 | 17.5 | 14.6 | 14.5 | 12.3 E | 9 |
| 10 | 5.378 | 4.688 | 6.508 | 13.8 | 9.49 | 8.38 | 2.80 | 9.03 | 17.1 | 24.7 | 15.8 | 12.2 E | 10 |
| 11 | 5.338 | 4.678 | 7.108 | 14.3 | 9.53 | 7.46 | 2.78 | 9.68 | 21.8 | 25.8 | 15.3 | 12.1 E | 11 |
| 12 | 5.298 | 4.668 | 7.708 | 13.4 | 9.37 | 6.87 | 3.08 | 15.7 | 25.5 | 25.1 | 14.1 | 12.0 E | 12 |
| 13 | 5.238 | 4.658 | 8.008 | 12.3 | 9.46 | 6.41 | 3.47 | 48.1 | 23.6 | 24.8 | 13.4 | 11.8 E | 13 |
| 14 | 5.208 | 4.658 | 8.308 | 11.3 | 9.59 | 5.96 | 3.37 | 42.7 | 21.4 | 24.8 | 13.3 | 11.8 E | 14 |
| 15 | 5.188 | 4.648 | 8.508 | 10.8 | 9.32 | 5.40 | 3.26 | 45.3 | 18.8 | 23.8 | 12.9 | 11.0 E | 15 |
| 16 | 5.188 | 4.648 | 8.858 | 10.4 | 9.48 | 4.90 | 3.25 | 47.8 | 15.4 | 23.7 | 13.3 | 10.4 E | 16 |
| 17 | 5.128 | 4.648 | 8.908 | 10.4 | 9.92 | 4.48 | 3.21 | 43.3 | 14.1 | 25.1 | 15.5 | 10.1 E | 17 |
| 18 | 5.088 | 4.638 | 8.958 | 10.5 | 9.85 | 4.30 | 3.28 | 46.2 | 12.8 | 25.8 | 18.5 | 9.908 | 18 |
| 19 | 5.058 | 4.628 | 9.008 | 10.6 | 9.88 | 3.96 | 3.38 | 41.4 | 13.2 | 25.4 | 19.6 | 9.708 | 19 |
| 20 | 5.018 | 4.628 | 9.008 | 10.6 | 7.70 | 3.87 | 3.58 | 33.6 | 16.4 | 19.8 | 17.6 | 9.408 | 20 |
| 21 | 4.998 | 4.628 | 9.018 | 11.2 | 8.17 | 3.43 | 3.58 | 27.2 | 18.5 | 18.2 | 21.3 | 9.258 | 21 |
| 22 | 4.978 | 4.618 | 9.038 | 10.8 | 21.3 | 3.27 | 3.46 | 23.9 | 19.2 | 18.1 | 21.9 | 9.058 | 22 |
| 23 | 4.948 | 4.618 | 9.048 | 10.2 | 33.1 | 3.22 | 3.60 | 21.5 | 17.8 | 17.5 | 17.1 | 8.858 | 23 |
| 24 | 4.928 | 4.608 | 8.858 | 9.34 | 30.1 | 3.21 | 3.64 | 18.9 | 16.9 | 17.1 | 18.7 | 8.608 | 24 |
| 25 | 4.908 | 4.608 | 8.908 | 8.76 | 24.6 | 3.16 | 3.68 | 16.7 | 14.0 | 17.4 | 18.1 | 8.708 | 25 |
| 26 | 4.888 | 4.608 | 8.888 | 8.38 | 20.3 | 3.35 | 3.57 | 15.4 | 12.4 | 17.8 | 15.7 | 8.508 | 26 |
| 27 | 4.888 | 4.608 | 8.858 | 8.94 | 17.6 | 3.22 | 3.41 | 14.1 | 11.5 | 17.3 | 14.1 | 8.408 | 27 |
| 28 | 4.848 | 4.608 | 8.458 | 8.32 | 15.8 | 3.12 | 3.24 | 12.8 | 10.9 | 17.1 | 14.1 | 8.258 | 28 |
| 29 | 4.838 | | 8.258 | 8.12 | 14.4 | 3.05 | 3.16 | 11.8 | 10.5 | 16.7 | 13.8 | 8.158 | 29 |
| 30 | 4.828 | | 8.38 | 7.38 | 12.7 | 2.89 | 3.13 | 12.0 | 13.5 | 16.5 | 12.4 | 8.058 | 30 |
| 31 | 4.808 | | 7.86 | | 11.3 | | 3.04 | 12.0 | | 16.1 | | 7.958 | 31 |
| TOTAL | 160.03 | 130.45 | 230.03 | 298.27 | 318.03 | 187.40 | 99.66 | 822.73 | 453.89 | 593.7 | 472.3 | 324.45 | TOTAL |
| MEAN | 5.16 | 4.66 | 7.42 | 9.94 | 10.3 | 6.25 | 3.21 | 20.1 | 15.1 | 19.2 | 15.7 | 10.5 | MEAN |
| MAX | 5.60 | 4.78 | 9.04 | 14.3 | 33.1 | 11.1 | 3.64 | 48.1 | 25.5 | 25.8 | 21.9 | 13.2 | MAX |
| MIN | 4.80 | 4.60 | 4.80 | 8.37 | 4.32 | 2.89 | 2.78 | 4.54 | 9.69 | 14.1 | 12.4 | 7.95 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.7
MAXIMUM DAILY, 48.1 ON AUG 13
MINIMUM DAILY, 2.78 ON JUL 11
MAXIMUM INSTANTANEOUS,
52.4 AT 19 30 EST ON AUG 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 33 20 N
LONG 89 40 55 W
DRAINAGE AREA, 2 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 13 800 | JUL | 8 510 |
| FEB | 11 300 | AUG | 53 800 |
| MAR | 19 900 | SEP | 38 200 |
| APR | 25 800 | OCT | 51 300 |
| MAY | 27 500 | NOV | 40 800 |
| JUN | 18 200 | DEC | 28 000 |

TOTAL DISCHARGE, 336 000 dam³

## SHEKAK RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11.2 B | 9.008 | 8.248 | 11.0B | 71.0 | 46.4 | 10.9 | 91.2 | --- | --- | --- | --- | 1 |
| 2 | 11.0 B | 8.958 | 8.258 | 11.0B | 64.9 | 45.1 | 10.3 | 86.0 | --- | --- | --- | --- | 2 |
| 3 | 10.9 B | 8.918 | 8.258 | 10.8B | 60.2 | 42.8 | 11.5 | 84.9 | --- | --- | --- | --- | 3 |
| 4 | 10.6 B | 8.888 | 8.288 | 10.7B | 55.7 | 39.0 | 15.1 | 91.4 | --- | --- | --- | --- | 4 |
| 5 | 10.7 B | 8.838 | 8.268 | 10.8B | 51.4 | 37.1 | 14.8 | 95.5 | --- | --- | --- | --- | 5 |
| 6 | 10.6 B | 8.808 | 8.278 | 11.0B | 46.7 | 34.2 | 13.3 | 97.0 | --- | --- | --- | --- | 6 |
| 7 | 10.5 B | 8.758 | 8.278 | 11.5B | 41.8 | 31.4 | 12.1 | 95.5 | --- | --- | --- | --- | 7 |
| 8 | 10.4 B | 8.728 | 8.268 | 12.1B | 36.9 | 30.2 | 10.9 | 91.7 | --- | --- | --- | --- | 8 |
| 9 | 10.3 B | 8.688 | 8.298 | 13.3B | 36.4 | 28.8 | 10.0 | 88.0 | --- | --- | --- | --- | 9 |
| 10 | 10.2 B | 8.638 | 8.308 | 15.0B | 33.1 | 27.3 | 17.4 | 85.5 | --- | --- | --- | --- | 10 |
| 11 | 10.1 B | 8.608 | 8.328 | 18.5B | 30.5 | 25.8 | 27.7 | 78.4A | --- | --- | --- | --- | 11 |
| 12 | 10.0 B | 8.608 | 8.328 | 23.0B | 28.8 | 25.6 | 40.5 | --- | --- | --- | --- | --- | 12 |
| 13 | 9.808 | 8.588 | 8.288 | 27.0B | 27.7 | 25.1 | 52.5 | --- | --- | --- | --- | --- | 13 |
| 14 | 9.708 | 8.588 | 8.268 | 33.0B | 26.8 | 23.8 | 56.9 | --- | --- | --- | --- | --- | 14 |
| 15 | 9.658 | 8.548 | 8.328 | 40.0B | 23.5 | 22.1 | 61.0 | --- | --- | --- | --- | --- | 15 |
| 16 | 9.608 | 8.528 | 8.358 | 50.0B | 22.1 | 20.8 | 59.9 | --- | --- | --- | --- | --- | 16 |
| 17 | 9.558 | 8.488 | 8.388 | 62.0B | 21.5 | 19.5 | 56.5 | --- | --- | --- | --- | --- | 17 |
| 18 | 9.508 | 8.458 | 8.388 | 75.0E | 19.4 | 18.1 | 52.8 | --- | --- | --- | --- | --- | 18 |
| 19 | 9.428 | 8.428 | 8.408 | 84.0E | 18.4 | 16.9 | 50.8 | --- | --- | --- | --- | --- | 19 |
| 20 | 9.348 | 8.408 | 8.448 | 87.0E | 17.7 | 16.5 | 57.5 | --- | --- | --- | --- | --- | 20 |
| 21 | 9.318 | 8.388 | 8.608 | 90.0E | 17.4 | 14.5 | 56.8 | --- | --- | --- | --- | --- | 21 |
| 22 | 9.298 | 8.388 | 8.908 | 91.0E | 20.8 | 13.8 | 55.3 | --- | --- | --- | --- | --- | 22 |
| 23 | 9.268 | 8.388 | 9.308 | 90.8E | 25.7 | 13.7 | 86.5 | --- | --- | --- | --- | --- | 23 |
| 24 | 9.238 | 8.338 | 9.708 | 90.0E | 36.8 | 12.1 | 116 | --- | --- | --- | --- | --- | 24 |
| 25 | 9.208 | 8.308 | 10.2 B | 89.0E | 46.0 | 11.8 | 129 | --- | --- | --- | --- | --- | 25 |
| 26 | 9.188 | 8.288 | 10.4 B | 88.0E | 48.9 | 11.2 | 137 | --- | --- | --- | --- | --- | 26 |
| 27 | 9.158 | 8.268 | 10.7 B | 86.5E | 48.8 | 12.4 | 136 | --- | --- | --- | --- | --- | 27 |
| 28 | 9.128 | 8.258 | 10.9 B | 84.1A | 50.4 | 12.5 | 129 | --- | --- | --- | --- | --- | 28 |
| 29 | 9.088 | | 11.0 B | 81.2 | 50.6 | 11.8 | 121 | --- | --- | --- | --- | --- | 29 |
| 30 | 9.058 | | 11.0 B | 75.9 | 49.8 | 11.4 | 112 | --- | --- | --- | --- | --- | 30 |
| 31 | 9.028 | | 11.0 B | | 48.6 | | 101 | --- | | --- | --- | --- | 31 |
| TOTAL | 304.15 | 239.81 | 277.80 | 1 482.9 | 1 181.2 | 699.0 | 1 825.8 | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 9.81 | 8.56 | 8.96 | 49.4 | 38.1 | 23.3 | 58.9 | --- | --- | --- | --- | --- | MEAN |
| MAX | 11.2 | 9.00 | 11.0 | 91.0 | 71.0 | 46.4 | 137 | --- | --- | --- | --- | --- | MAX |
| MIN | 9.02 | 8.25 | 8.24 | 10.7 | 17.4 | 11.2 | 10.0 | --- | --- | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 137 ON JUL 26

MAXIMUM INSTANTANEOUS,
137 AT 21 00 EST ON JUL 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 20 N
LONG 84 24 24 W
DRAINAGE AREA, 3 290 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 35 300 | JUL | 158 000 |
| FEB | 30 700 | AUG | --- |
| MAR | 34 000 | SEP | --- |
| APR | 138 000 | OCT | --- |
| MAY | 102 000 | NOV | --- |
| JUN | 80 400 | DEC | --- |

REMARKS - STATION DISCONTINUED AUG 11 1987

## SHELTER VALLEY BROOK NEAR GRAFTON - STATION NO 02HD010

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.831 | 0.6358 | 1.50 B | 2.60 | 0.847 | 0.573 | 0.386 | 0.341 | 0.590 | 0.548 | 0.545 | 1.11 | 1 |
| 2 | 0.809 | 0.6808 | 2.43 B | 2.78 | 0.751 | 0.613 | 0.434 | 0.417 | 0.457 | 0.539 | 0.528 | 0.853 | 2 |
| 3 | 0.7858 | 0.7908 | 1.60 B | 2.65 | 0.714E | 0.667 | 0.503 | 0.521 | 0.419 | 0.557 | 0.561 | 0.740 | 3 |
| 4 | 0.7708 | 0.6308 | 1.06 B | 4.56 | 0.655E | 0.579 | 0.580 | 0.452 | 0.370 | 0.473 | 0.582 | 0.703 | 4 |
| 5 | 0.7588 | 0.6258 | 0.9408 | 5.83 | 0.635 | 0.526 | 0.478 | 0.412 | 0.379 | 0.462 | 0.531 | 0.679 | 5 |
| 6 | 0.746 | 0.6228 | 0.8958 | 3.90 | 0.652 | 0.512 | 0.453 | 0.378 | 0.386 | 0.454 | 0.491 | 0.624 | 6 |
| 7 | 0.758 | 0.6208 | 1.39 B | 2.30 | 0.654 | 0.588 | 0.472 | 0.484 | 0.386 | 0.858 | 0.498 | 0.5648 | 7 |
| 8 | 1.04 | 0.6188 | 2.45 B | 1.51 | 0.654 | 0.749 | 0.443 | 0.626 | 0.783 | 0.817 | 0.818 | 0.853 | 8 |
| 9 | 0.706 | 0.7708 | 1.60 B | 1.29 | 0.635 | 0.690 | 0.393 | 0.731 | 1.21 | 0.602 | 1.15 | 0.770 | 9 |
| 10 | 0.753 | 0.7868 | 1.20 B | 1.13 | 0.615 | 0.574 | 0.406 | 0.727 | 0.535 | 0.543 | 0.893 | 0.816 | 10 |
| 11 | 0.741 | 0.8128 | 0.7168 | 1.07 | 0.584 | 0.553 | 0.467 | 0.465 | 0.479 | 0.527 | 0.584 | 0.885 | 11 |
| 12 | 0.723 | 0.8118 | 0.6908 | 1.06 | 0.593 | 0.626 | 0.379 | 0.423 | 0.678 | 0.522 | 0.558 | 0.783 | 12 |
| 13 | 0.728 | 0.8108 | 0.6858 | 1.07 | 0.606 | 0.689 | 0.352 | 0.412 | 0.628 | 0.498 | 0.573 | 0.761 | 13 |
| 14 | 0.719 | 0.8088 | 0.6958 | 0.941 | 0.600 | 0.586 | 0.549 | 0.426 | 0.470 | 0.498 | 0.573 | 0.8788 | 14 |
| 15 | 0.792 | 0.8058 | 0.7308 | 0.927 | 0.841 | 0.480 | 0.479 | 0.379 | 0.495 | 0.494 | 0.588 | 0.8828 | 15 |
| 16 | 0.7408 | 0.8048 | 0.8408 | 0.824 | 0.589 | 0.485 | 0.433 | 0.376 | 0.486 | 0.485 | 0.568 | 1.05 | 16 |
| 17 | 0.7208 | 0.8038 | 1.00 | 0.872 | 0.587 | 0.432 | 0.383 | 0.403 | 0.460 | 0.492 | 0.577 | 0.821 | 17 |
| 18 | 0.7008 | 0.8028 | 1.20 | 0.845 | 0.583 | 0.439 | 0.388 | 0.390 | 0.470 | 0.521 | 0.883 | 0.8838 | 18 |
| 19 | 0.8908 | 0.8028 | 1.48 | 0.783 | 0.584 | 0.408 | 0.394 | 0.354 | 0.548 | 0.487 | 0.889 | 0.884 | 19 |
| 20 | 0.8808 | 0.8028 | 1.54 | 0.788 | 0.537 | 0.382 | 0.448 | 0.359 | 0.687 | 0.489 | 0.828 | 2.17 | 20 |
| 21 | 0.8708 | 0.8028 | 1.68 | 0.751 | 0.541 | 0.419 | 0.402 | 0.377 | 0.690 | 0.500 | 0.5228 | 1.95 | 21 |
| 22 | 0.8658 | 0.7108 | 2.58 | 0.706 | 0.581 | 0.462 | 0.381 | 0.380 | 0.648 | 0.494 | 0.4948 | 1.07 | 22 |
| 23 | 0.8608 | 0.6108 | 2.54 | 0.702 | 0.577 | 0.500 | 0.382 | 0.377 | 0.536 | 0.803 | 0.5158 | 0.895 | 23 |
| 24 | 0.8558 | 0.5988 | 2.11 | 0.705 | 0.573 | 0.415 | 0.403 | 0.376 | 0.485 | 0.636 | 0.548 | 0.823 | 24 |
| 25 | 0.8508 | 0.5958 | 1.84 | 0.670 | 0.581 | 0.432 | 0.382 | 0.367 | 0.454 | 0.705 | 0.701 | 1.38 | 25 |
| 26 | 0.8488 | 0.5958 | 3.41 | 0.889 | 0.588 | 0.526 | 0.381 | 0.388 | 0.447 | 0.548 | 0.911 | 1.14 | 26 |
| 27 | 0.8428 | 0.5958 | 1.89 | 0.736 | 0.611 | 0.531 | 0.322 | 0.372 | 0.456 | 0.571 | 0.880 | 0.821 | 27 |
| 28 | 0.8408 | 0.5958 | 1.45 | 1.81 | 0.888 | 0.446 | 0.337 | 0.389 | 0.567 | 0.620 | 0.821 | 0.8988 | 28 |
| 29 | 0.8388 | | 1.28 | 1.15 | 0.897 | 0.458 | 0.343 | 0.435 | 0.561 | 0.584 | 3.05 | 0.8928 | 29 |
| 30 | 0.8378 | | 2.74 | 1.05 | 0.820 | 0.447 | 0.400 | 0.415 | 0.708 | 0.567 | 2.28 | 0.4948 | 30 |
| 31 | 0.8368 | | 4.71 B | | 0.853 | | 0.388 | 0.585 | | 0.528 | | 0.4328 | 31 |
| TOTAL | 22.330 | 17.735 | 50.953 | 48.461 | 19.211 | 15.711 | 12.908 | 13.475 | 16.454 | 17.400 | 23.020 | 26.843 | TOTAL |
| MEAN | 0.720 | 0.633 | 1.64 | 1.55 | 0.620 | 0.524 | 0.416 | 0.435 | 0.548 | 0.561 | 0.767 | 0.859 | MEAN |
| MAX | 1.04 | 0.790 | 4.71 | 5.83 | 0.847 | 0.749 | 0.580 | 0.731 | 1.21 | 0.858 | 3.05 | 2.17 | MAX |
| MIN | 0.636 | 0.595 | 0.885 | 0.869 | 0.537 | 0.382 | 0.322 | 0.341 | 0.370 | 0.454 | 0.491 | 0.432 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.773
MAXIMUM DAILY, 5.83 ON APR 5
MINIMUM DAILY, 0.322 ON JUL 27
MAXIMUM INSTANTANEOUS,
10.6 AT 21 37 EST ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 31 N
LONG 78 00 07 W
DRAINAGE AREA, 64.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 930 | JUL | 1 120 |
| FEB | 1 530 | AUG | 1 160 |
| MAR | 4 400 | SEP | 1 420 |
| APR | 4 010 | OCT | 1 500 |
| MAY | 1 660 | NOV | 1 990 |
| JUN | 1 360 | DEC | 2 300 |

TOTAL DISCHARGE, 24 400 dam³

## SKOOTAMATTA RIVER NEAR ACTINOLITE - STATION NO 02HL004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.62 | 5.208 | 4.29 | 70.0 | 9.03 | 2.37 | 1.96 | 0.852 | 0.467 | 0.502 | 2.75 | 16.5 E | 1 |
| 2 | 5.04 | 4.908 | 5.72 | 68.7 | 7.74 | 2.16 | 1.81 | 0.587 | 0.614 | 0.572 | 2.63 | 15.0 E | 2 |
| 3 | 7.45 | 4.758 | 5.36 | 62.5 | 6.89 | 2.15 | 1.66 | 0.580 | 0.595 | 0.802 | 2.72 | 13.5 E | 3 |
| 4 | 6.87 | 4.705 | 5.46 | 58.7 | 8.30 | 2.10 | 1.65 | 0.620 | 0.498 | 0.853 | 2.84 | 12.0 E | 4 |
| 5 | 7.26 | 4.688 | 6.46 | 76.7 | 5.88 | 2.02 | 1.69 | 0.616 | 0.448 | 0.850 | 2.94 | 11.0 E | 5 |
| 6 | 6.90 | 4.688 | 6.43 | 64.7 | 5.39 | 1.97 | 1.64 | 0.580 | 0.408 | 0.835 | 3.36 | 9.50E | 6 |
| 7 | 6.88 | 4.948 | 6.85 | 77.8 | 4.48 | 1.75 | 1.48 | 0.581 | 0.382 | 0.799 | 3.44 | 8.40E | 7 |
| 8 | 6.38 | 4.828 | 8.47 | 88.9 | 3.84 | 1.67 | 1.39 | 0.847 | 0.424 | 1.33 | 3.47 | 8.00E | 8 |
| 9 | 5.52 | 4.808 | 13.8 | 82.7 | 3.60 | 2.41 | 1.30 | 0.533 | 0.453 | 1.74 | 4.10 | 11.0 E | 9 |
| 10 | 6.42 | 5.008 | 13.3 | 55.0 | 3.37 | 2.91 | 1.30 | 0.544 | 0.470 | 3.08 | 4.38 | 12.0 E | 10 |
| 11 | 6.84 | 4.908 | 11.6 | 48.1 | 3.08 | 2.93 | 1.32 | 0.551 | 0.495 | 3.48 | 4.29 | 12.5 E | 11 |
| 12 | 6.81 | 4.788 | 10.4 | 43.0 | 3.00 | 2.78 | 1.20 | 0.545 | 0.508 | 3.16 | 4.18 | 12.8 E | 12 |
| 13 | 6.48 | 4.608 | 9.00 | 37.6 | 2.94 | 4.84 | 1.14 | 0.542 | 0.511 | 2.82 | 4.05 | 13.0 E | 13 |
| 14 | 6.27 | 4.568 | 8.25 | 33.8 | 2.75 | 4.27 | 1.22 | 0.514 | 0.473 | 2.80 | 4.20 | 12.0 E | 14 |
| 15 | 6.26 | 4.568 | 7.86 | 29.8 | 2.94 | 3.00 | 1.32 | 0.486 | 0.453 | 2.88 | 3.71 | 11.5 E | 15 |
| 16 | 6.05 | 4.548 | 7.61 | 26.3 | 3.18 | 2.45 | 1.38 | 0.453 | 0.448 | 2.88 | 3.54 | 12.0 E | 16 |
| 17 | 5.73 | 4.538 | 7.38 | 23.5 | 3.05 | 2.08 | 1.26 | 0.485 | 0.426 | 2.43 | 3.38 | 12.5 E | 17 |
| 18 | 6.208 | 4.528 | 7.55 | 20.4 | 2.95 | 1.86 | 1.04 | 0.461 | 0.391 | 2.27 | 5.28 | 12.0 E | 18 |
| 19 | 5.008 | 4.508 | 8.63 | 17.7 | 2.82 | 1.72 | 0.983 | 0.446 | 0.388 | 2.24 | 8.22A | 11.0 E | 19 |
| 20 | 5.808 | 4.488 | 9.97 | 15.3 | 2.65 | 1.71 | 1.04 | 0.431 | 0.538 | 2.30 | 7.80E | 10.7 E | 20 |
| 21 | 5.408 | 4.488 | 10.5 | 13.5 | 2.48 | 1.84 | 0.944 | 0.409 | 0.811 | 2.18 | 6.40E | 13.0 E | 21 |
| 22 | 5.408 | 4.428 | 13.8 | 11.6 | 2.49 | 1.80 | 0.848 | 0.437 | 1.10 | 2.17 | 5.80E | 14.0 E | 22 |
| 23 | 5.408 | 4.388 | 20.5 | 10.2 | 2.52 | 1.86 | 0.805 | 0.428 | 0.905 | 2.24 | 5.20E | 12.5 E | 23 |
| 24 | 5.208 | 4.248 | 25.5 | 9.61 | 2.58 | 1.49 | 0.883 | 0.413 | 0.767 | 2.48 | 7.00E | 11.3 E | 24 |
| 25 | 5.608 | 4.178 | 29.1 | 10.1 | 2.80 | 1.33 | 0.873 | 0.400 | 0.854 | 2.75 | 9.00E | 12.0 E | 25 |
| 26 | 5.208 | 3.95 | 32.7 | 10.4 | 2.43 | 1.46 | 0.828 | 0.385 | 0.581 | 2.88 | 9.20E | 13.0 E | 26 |
| 27 | 5.008 | 3.83 | 36.5 | 8.81 | 2.57 | 1.83 | 0.843 | 0.394 | 0.538 | 2.79 | 9.40E | 12.0 E | 27 |
| 28 | 4.958 | 3.78 | 38.9 | 10.2 | 2.99 | 2.02 | 0.823 | 0.520 | 0.515 | 3.03 | 7.40E | 10.5 E | 28 |
| 29 | 4.908 | | 35.6 | 13.6 | 3.23 | 2.08 | 0.988 | 0.478 | 0.511 | 3.08 | 10.0 E | 10.0 E | 29 |
| 30 | 4.858 | | 35.0 | 12.4 | 2.90 | 2.03 | 0.894 | 0.451 | 0.507 | 2.86 | 12.0 E | 9.40E | 30 |
| 31 | 5.308 | | 47.9 | | 2.58 | | 0.888 | 0.463 | | 2.93 | | 9.00E | 31 |
| TOTAL | 194.38 | 126.91 | 491.41 | 1 091.82 | 115.02 | 86.48 | 35.081 | 15.392 | 16.143 | 86.693 | 182.43 | 384.80 | TOTAL |
| MEAN | 6.27 | 4.53 | 15.9 | 36.4 | 3.71 | 2.22 | 1.13 | 0.497 | 0.538 | 2.15 | 5.41 | 11.8 | MEAN |
| MAX | 8.62 | 5.20 | 47.9 | 84.7 | 9.03 | 4.84 | 1.96 | 0.620 | 1.10 | 3.48 | 12.0 | 16.5 | MAX |
| MIN | 4.85 | 3.78 | 4.29 | 8.81 | 2.43 | 1.33 | 0.568 | 0.385 | 0.388 | 0.802 | 2.63 | 8.00 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.52
MAXIMUM DAILY, 84.7 ON APR 6
MINIMUM DAILY, 0.385 ON AUG 26
MAXIMUM INSTANTANEOUS,
86.1 AT 11 35 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 58 N
LONG 77 19 45 W
DRAINAGE AREA, 712 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 16 800 | JUL | 3 030 |
| FEB | 11 000 | AUG | 1 330 |
| MAR | 42 500 | SEP | 1 390 |
| APR | 94 300 | OCT | 5 780 |
| MAY | 9 940 | NOV | 14 000 |
| JUN | 5 740 | DEC | 31 500 |

TOTAL DISCHARGE, 237 000 dam³

## SOPER CREEK AT BOWMANVILLE - STATION NO 02HD007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.36 | 0.740B | 10.5 B | 1.96 B | 0.838 | 0.487 | --- | --- | --- | --- | --- | --- | 1 |
| 2 | 1.34 | 1.00 B | 13.0 B | 3.14 B | 0.868 | 0.480 | --- | --- | --- | --- | --- | --- | 2 |
| 3 | 1.17 | 0.850B | 5.62 B | 3.29 | 0.843 | 0.485 | --- | --- | --- | --- | --- | --- | 3 |
| 4 | 1.12 B | 0.810B | 3.16 B | 4.15 | 0.818 | 0.487 | --- | --- | --- | --- | --- | --- | 4 |
| 5 | 1.10 B | 0.598B | 2.04 B | 5.70 | 0.809 | 0.475 | --- | --- | --- | --- | --- | --- | 5 |
| 6 | 1.09 | 0.590B | 2.58 B | 3.42 | 0.893 | 0.476 | --- | --- | --- | --- | --- | --- | 6 |
| 7 | 1.06 | 0.548B | 4.07 B | 2.34 | 0.898 | 0.480 | --- | --- | --- | --- | --- | --- | 7 |
| 8 | 1.02 | 0.900B | 13.0 B | 1.82 | 0.886 | 0.500 | --- | --- | --- | --- | --- | --- | 8 |
| 9 | 0.908 | 0.780B | 4.00 B | 1.35 | 0.871 | 0.491 | --- | --- | --- | --- | --- | --- | 9 |
| 10 | 0.920 | 0.600B | 1.70 B | 1.18 | 0.874 | 0.491 | --- | --- | --- | --- | --- | --- | 10 |
| 11 | 0.886 | 0.584B | 1.20 B | 1.09 | 0.884 | 0.486 | --- | --- | --- | --- | --- | --- | 11 |
| 12 | 0.936 | 0.580B | 0.880B | 1.04 | 0.868 | 0.508 | --- | --- | --- | --- | --- | --- | 12 |
| 13 | 0.980 | 0.578B | 0.800B | 1.32 | 0.853 | 2.14 | --- | --- | --- | --- | --- | --- | 13 |
| 14 | 0.933 | 0.570B | 0.790B | 1.07 | 0.829 | 0.882 | --- | --- | --- | --- | --- | --- | 14 |
| 15 | 1.12 | 0.568B | 0.788B | 1.00 | 0.832 | 0.503A | --- | --- | --- | --- | --- | --- | 15 |
| 16 | 1.10 B | 0.580B | 0.785B | 0.820 | 0.883 | --- | --- | --- | --- | --- | --- | --- | 16 |
| 17 | 0.900B | 0.588B | 0.830B | 0.858 | 0.859 | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | 0.840B | 0.587B | 0.895 | 0.787 | 0.851 | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | 0.800B | 0.558B | 1.03 | 0.738 | 0.848 | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | 0.765B | 0.552B | 1.07 | 0.710 | 0.850 | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | 0.730B | 0.550B | 1.05 | 0.704 | 0.847 | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | 0.700B | 0.550B | 1.24 | 0.843 | 0.874 | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | 0.685B | 0.740B | 1.34 | 0.827 | 0.879 | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | 0.670B | 0.600B | 1.37 | 0.843 | 0.883 | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | 0.655B | 0.550B | 1.41 | 0.812 | 0.900 | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | 0.648B | 0.545B | 1.89 | 0.582 | 0.884 | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | 0.640B | 0.540B | 1.47 | 0.582 | 0.842 | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | 0.635B | 1.00 B | 1.30 | 0.889 | 0.873 | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | 0.630B | | 1.19 | 0.746 | 0.895 | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | 0.620B | | 2.18 B | 0.889 | 0.901 | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | 0.615B | | 3.11 B | | 0.906 | | --- | --- | | --- | | --- | 31 |
| TOTAL | 27.577 | 17.780 | 86.308 | 44.340 | 15.085 | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 0.890 | 0.634 | 2.78 | 1.48 | 0.487 | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 1.36 | 1.00 | 13.0 | 5.70 | 0.838 | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 0.615 | 0.540 | 0.788 | 0.582 | 0.429 | --- | --- | --- | --- | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 13.08 ON MAR 2

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 08 N
LONG 78 40 21 W
DRAINAGE AREA, 77.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 380 | JUL | --- |
| FEB | 1 530 | AUG | --- |
| MAR | 7 460 | SEP | --- |
| APR | 3 830 | OCT | --- |
| MAY | 1 300 | NOV | --- |
| JUN | --- | DEC | --- |

REMARKS - STATION DISCONTINUED JUN 15 1987

## SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE - STATION NO 02EB003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11.7 | 14.0 | 27.7 | 35.2 | 9.50 | 9.88 | 9.18 | 1.35 | 1.49 | 13.2 | 10.2 | 10.6 | 1 |
| 2 | 11.7 | 14.0 | 27.7 | 40.4 | 9.50 | 9.86 | 7.87 | 1.23 | 1.89 | 21.9 | 10.6 | 10.6 | 2 |
| 3 | 11.7 | 18.5 | 27.4 | 38.7 | 9.50 | 9.86 | 5.69 | 1.23 | 1.83 | 22.4 | 10.9 | 10.8 | 3 |
| 4 | 11.7 | 22.4 | 31.0 | 40.8 | 9.50 | 9.86 | 5.42 | 1.23 | 1.83 | 22.4 | 10.9 | 10.9 | 4 |
| 5 | 11.7 | 22.4 | 31.0 | 42.9 | 9.50 | 9.86 | 5.42 | 1.23 | 1.83 | 22.4 | 10.9 | 11.2 | 5 |
| 6 | 11.9 | 22.4 | 31.8 | 47.1 | 9.50 | 9.86 | 5.42 | 1.23 | 1.83 | 19.4 | 10.9 | 11.3 | 6 |
| 7 | 11.3 | 22.4 | 32.4 | 46.4 | 9.50 | 9.86 | 5.42 | 1.23 | 1.77 | 19.3 | 10.9 | 11.7 | 7 |
| 8 | 11.7 | 22.5E | 32.4 | 40.5 | 9.50 | 10.2 | 5.04 | 1.23 | 1.77 | 18.9 | 10.9 | 11.7 | 8 |
| 9 | 12.4 | 22.7 | 33.6 | 34.9 | 9.50 | 10.4 | 5.04 | 1.35 | 1.77 | 18.0 | 11.1 | 12.0 | 9 |
| 10 | 13.1 | 23.7 | 34.5 | 26.0 | 9.50 | 10.2 | 5.04 | 1.35 | 1.77 | 18.0 | 11.3 | 12.2 | 10 |
| 11 | 13.1 | 25.5 | 34.5 | 27.7 | 9.50 | 10.2 | 5.04 | 1.35 | 1.35 | 17.5 | 10.9 | 12.2 | 11 |
| 12 | 14.1 | 25.5 | 34.5 | 27.7 | 8.86 | 10.2 | 5.04 | 1.35 | 1.35 | 17.5 | 10.9 | 13.3 | 12 |
| 13 | 14.9 | 25.5 | 34.5 | 27.7 | 9.18 | 10.2 | 4.92 | 1.35 | 1.35 | 17.1 | 10.8 | 14.9 | 13 |
| 14 | 14.9 | 25.5 | 31.0 | 21.9 | 8.86 | 10.2 | 4.92 | 1.35 | 1.23 | 16.8 | 10.4 | 15.3 | 14 |
| 15 | 14.9 | 24.4 | 27.7 | 22.4 | 9.02 | 10.2 | 4.92 | 1.49 | 1.23 | 11.9 | 10.0 | 21.5 | 15 |
| 16 | 14.4 | 23.9 | 27.1 | 21.1 | 9.18 | 10.2 | 4.92 | 1.48 | 1.23 | 7.82 | 9.86 | 31.7 | 16 |
| 17 | 14.4 | 23.4 | 26.5 | 21.4 | 9.18 | 10.0 | 4.92 | 1.49 | 1.23 | 7.78 | 9.86 | 31.4E | 17 |
| 18 | 14.4 | 22.4 | 25.7 | 21.4 | 9.18 | 10.0 | 4.92 | 1.49 | 1.23 | 8.22 | 9.86 | 34.5 | 18 |
| 19 | 14.4E | 22.4 | 25.2 | 21.4 | 9.18 | 10.0 | 4.92 | 1.49 | 1.35 | 8.22 | 9.88 | 38.0 | 19 |
| 20 | 14.4 | 22.2 | 24.9 | 20.9 | 9.24 | 9.86 | 4.92 | 1.49 | 1.63 | 8.22 | 9.86 | 45.7 | 20 |
| 21 | 14.4 | 21.4 | 23.9 | 20.9 | 9.18 | 9.50 | 4.81 | 1.42 | 1.63 | 8.22 | 9.86 | 46.4 | 21 |
| 22 | 14.4 | 20.9 | 22.9 | 15.3 | 9.18 | 9.86 | 4.90 | 1.35 | 1.63 | 8.22 | 9.86 | 47.1 | 22 |
| 23 | 14.4 | 22.2 | 20.4 | 15.3 | 9.18 | 9.75 | 4.69 | 1.35 | 1.63 | 8.22 | 9.86 | 44.3 | 23 |
| 24 | 14.4 | 24.4 | 18.9 | 15.3 | 9.18 | 9.50 | 4.69 | 1.35 | 1.77 | 8.23 | 9.86 | 45.7 | 24 |
| 25 | 14.4 | 23.4 | 18.9 | 13.0 | 9.18 | 9.50 | 4.69 | 1.35 | 1.77 | 8.22 | 9.86 | 45.7 | 25 |
| 26 | 14.4 | 25.5 | 19.4 | 12.0 | 9.18 | 9.50 | 4.69 | 1.35 | 1.98 | 8.70 | 10.2 | 45.7 | 26 |
| 27 | 14.4 | 27.7 | 20.9 | 12.0 | 9.50 | 9.50 | 3.58 | 1.35 | 2.23 | 8.86 | 10.0 | 45.0 | 27 |
| 28 | 14.2 | 27.7 | 22.4 | 10.8 | 9.50 | 9.18 | 1.35 | 1.35 | 4.03 | 9.86 | 10.2 | 44.7 | 28 |
| 29 | 14.4 | | 25.5 | 9.50 | 9.50 | 9.18 | 1.35 | 1.29 | 5.15 | 9.86 | 10.6 | 44.7 | 29 |
| 30 | 14.4 | | 27.1 | 9.50 | 9.50 | 9.18 | 1.35 | 1.29 | 5.96 | 9.86 | 10.8 | 44.0 | 30 |
| 31 | 14.0 | | 29.0 | | 9.50 | | 1.35 | 1.23 | | 10.2 | | 39.3E | 31 |
| TOTAL | 420.6 | 638.9 | 850.3 | 748.10 | 288.96 | 295.53 | 146.43 | 41.88 | 57.74 | 414.98 | 311.82 | 884.0 | TOTAL |
| MEAN | 13.6 | 22.8 | 27.4 | 25.0 | 9.32 | 9.85 | 4.72 | 1.34 | 1.92 | 13.4 | 10.4 | 27.9 | MEAN |
| MAX | 14.9 | 27.7 | 34.5 | 47.1 | 9.50 | 10.4 | 9.18 | 1.49 | 5.96 | 22.4 | 11.3 | 47.1 | MAX |
| MIN | 11.3 | 14.0 | 18.9 | 9.50 | 8.86 | 9.18 | 1.35 | 1.23 | 1.23 | 7.82 | 9.86 | 10.6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.9
MAXIMUM DAILY, 47.1 ON APR 6
MINIMUM DAILY, 1.23 ON AUG 2

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 08 50 N
LONG 79 06 50 W
DRAINAGE AREA, 1 390 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 36 300 | JUL | 12 700 |
| FEB | 55 200 | AUG | 3 800 |
| MAR | 73 500 | SEP | 4 980 |
| APR | 64 700 | OCT | 35 900 |
| MAY | 25 000 | NOV | 26 900 |
| JUN | 25 500 | DEC | 74 800 |

TOTAL DISCHARGE, 439 000 dam³

## SOUTH CASTOR RIVER AT KENMORE - STATION NO 02LB020

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.71 B | 0.4908 | 0.3918 | 11.7 | 1.66 | 0.552 | 0.275 | 0.335 | 0.135 | 0.494 | 0.842 | 13.3 | 1 |
| 2 | 1.55 B | 0.4808 | 0.3908 | 7.28 | 1.42 | 0.564 | 0.253 | 0.291 | 0.137 | 0.462 | 0.761 | 9.62 | 2 |
| 3 | 1.38 B | 0.4738 | 0.3908 | 5.59 | 1.16 | 0.537 | 0.268 | 0.373 | 0.137 | 0.436 | 0.768 | 6.54 | 3 |
| 4 | 1.30 B | 0.4638 | 0.3898 | 4.38 | 1.00 | 0.597 | 0.283 | 0.430 | 0.116 | 0.424 | 0.843 | 4.81 | 4 |
| 5 | 1.17 B | 0.4608 | 0.3898 | 29.4 | 0.965 | 0.586 | 0.298 | 0.303 | 0.123 | 0.402 | 0.970 | 3.70 | 5 |
| 6 | 1.08 B | 0.4568 | 0.4718 | 17.3 | 0.855 | 0.561 | 0.274 | 0.263 | 0.117 | 0.367 | 1.15 | 2.94 | 6 |
| 7 | 0.9468 | 0.4528 | 0.5108 | 10.7 | 0.815 | 0.542 | 0.230 | 0.277 | 0.131 | 0.484 | 1.04 | 2.49 | 7 |
| 8 | 0.9008 | 0.4488 | 0.7958 | 7.02 | 0.743 | 0.721 | 0.225 | 0.234 | 0.164 | 1.00 | 0.907 | 2.47 | 8 |
| 9 | 0.8608 | 0.4458 | 1.05 B | 5.36 | 0.653 | 3.57 | 0.209 | 0.211 | 0.286 | 1.26 | 1.41 | 2.11 | 9 |
| 10 | 0.8388 | 0.4418 | 1.51 B | 4.20 | 0.618 | 2.89 | 0.196 | 0.194 | 0.260 | 1.05 | 2.22 | 5.70 | 10 |
| 11 | 0.8108 | 0.4448 | 2.20 B | 3.28 | 0.639 | 1.69 | 0.199 | 0.182 | 0.206 | 0.842 | 1.63 | 13.3 | 11 |
| 12 | 0.7828 | 0.4388 | 2.18 B | 2.83 | 0.701 | 1.38 | 0.407 | 0.171 | 0.472 | 0.693 | 1.31 | 9.06 | 12 |
| 13 | 0.7588 | 0.4328 | 2.15 B | 2.48 | 0.650 | 1.52 | 0.402 | 0.159 | 1.85 | 0.598 | 1.14 | 6.45 | 13 |
| 14 | 0.7368 | 0.4288 | 2.12 B | 2.15 | 0.603 | 1.27 | 0.320 | 0.215 | 4.25 | 0.546 | 1.07 | 5.35 | 14 |
| 15 | 0.7128 | 0.4348 | 2.09 B | 1.72 | 0.697 | 0.935 | 0.306 | 0.170 | 2.03 | 0.497 | 0.887 | 4.28 | 15 |
| 16 | 0.6928 | 0.4218 | 2.06 B | 1.64 | 0.925 | 0.705 | 0.274 | 0.138 | 1.20 | 0.482 | 0.821 | 3.008 | 16 |
| 17 | 0.6708 | 0.4208 | 2.03 B | 1.52 | 0.948 | 0.585 | 0.254 | 0.136 | 0.787 | 0.476 | 0.790 | 2.218 | 17 |
| 18 | 0.6518 | 0.4188 | 2.00 B | 1.38 | 0.954 | 0.501 | 0.207 | 0.147 | 0.517 | 0.478 | 1.02 A | 2.178 | 18 |
| 19 | 0.6338 | 0.4188 | 2.09 B | 1.33 | 0.864 | 0.435 | 0.213 | 0.145 | 0.427 | 0.443 | 1.53 | 2.088 | 19 |
| 20 | 0.6198 | 0.4148 | 2.50 B | 1.13 | 0.759 | 0.389 | 0.221 | 0.120 | 0.460 | 0.430 | 1.44 | 2.028 | 20 |
| 21 | 0.6028 | 0.4108 | 3.75 B | 1.02 | 0.667 | 0.338 | 0.188 | 0.113 | 0.917 | 0.433 | 0.8008 | 3.84 | 21 |
| 22 | 0.5918 | 0.4078 | 7.21 B | 0.900 | 0.633 | 0.320 | 0.194 | 0.112 | 1.43 | 0.460 | 0.7708 | 3.69 | 22 |
| 23 | 0.5808 | 0.4048 | 22.0 B | 0.873 | 0.636 | 0.327 | 0.170 | 0.112 | 1.11 | 0.483 | 0.732 | 3.32 | 23 |
| 24 | 0.5708 | 0.4028 | 30.4 B | 1.09 | 0.633 | 0.296 | 0.228 | 0.105 | 0.830 | 0.635 | 0.712 | 2.97 | 24 |
| 25 | 0.5588 | 0.4008 | 40.0 B | 1.35 | 0.620 | 0.270 | 0.711 | 0.101 | 0.648 | 0.985 | 0.526 | 3.75 | 25 |
| 26 | 0.5478 | 0.3988 | 46.4 | 1.11 | 0.563 | 0.249 | 5.15 | 0.115 | 0.529 | 1.18 | 0.484 | 5.91 | 26 |
| 27 | 0.5388 | 0.3958 | 32.1 | 0.887 | 0.548 | 0.253 | 3.56 | 0.120 | 0.454 | 1.04 | 0.5808 | 4.178 | 27 |
| 28 | 0.5258 | 0.3948 | 20.8 | 0.914 | 0.573 | 0.265 | 1.52 | 0.145 | 0.414 | 0.985 | 0.7208 | 3.848 | 28 |
| 29 | 0.5138 | | 17.0 | 1.18 | 0.708 | 0.272 | 0.802 | 0.186 | 0.391 | 1.04 | 0.936 | 3.008 | 29 |
| 30 | 0.5048 | | 14.3 | 1.69 | 0.685 | 0.281 | 0.623 | 0.151 | 0.442 | 0.868 | 11.8 | 2.608 | 30 |
| 31 | 0.4958 | | 14.7 | | 0.591 | | 0.382 | 0.136 | | 0.898 | | 2.238 | 31 |
| TOTAL | 24.820 | 12.086 | 276.505 | 137.414 | 24.489 | 23.911 | 18.770 | 5.871 | 21.048 | 20.894 | 40.788 | 145.72 | TOTAL |
| MEAN | 0.801 | 0.432 | 8.92 | 4.58 | 0.790 | 0.797 | 0.605 | 0.189 | 0.702 | 0.674 | 1.36 | 4.70 | MEAN |
| MAX | 1.71 | 0.490 | 46.4 | 29.4 | 1.66 | 3.57 | 5.15 | 0.430 | 4.25 | 1.26 | 11.8 | 13.3 | MAX |
| MIN | 0.496 | 0.394 | 0.389 | 0.873 | 0.548 | 0.249 | 0.170 | 0.101 | 0.116 | 0.367 | 0.484 | 2.02 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.06
MAXIMUM DAILY, 46.4 ON MAR 26
MINIMUM DAILY, 0.101 ON AUG 25
MAXIMUM INSTANTANEOUS,
48.8 AT 02:50 EST ON MAR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 13 40 N
LONG 76 24 46 W
DRAINAGE AREA, 189 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 140 | JUL | 1 620 |
| FEB | 1 040 | AUG | 507 |
| MAR | 23 800 | SEP | 1 820 |
| APR | 11 900 | OCT | 1 810 |
| MAY | 2 120 | NOV | 3 520 |
| JUN | 2 070 | DEC | 12 600 |

TOTAL DISCHARGE, 65 000 dam³

## SOUTH MAITLAND RIVER AT SUMMERHILL - STATION NO. 02FE009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.64 | 1.25 B | 2.012 | 15.6 | 1.76 | 0.543 | 0.386 | 0.241 | 0.300 | 0.617 | 5.88 | 20.5 | 1 |
| 2 | 4.47 | 1.24 B | 7.308 | 12.0 | 1.43 | 0.715 | 0.349 | 5.07 | 0.286 | 0.731 | 4.28 | 16.5 | 2 |
| 3 | 3.99 | 1.24 B | 12.6 B | 10.7 | 1.23 | 1.30 | 0.315 | 13.5 | 0.264 | 0.671 | 3.91 | 11.2 | 3 |
| 4 | 3.028 | 1.23 B | 13.1 B | 11.1 | 1.09 | 0.847 | 0.294 | 5.22 | 0.239 | 0.593 | 5.84 | 8.26 | 4 |
| 5 | 2.988 | 1.22 B | 13.3 B | 18.9 | 1.02 | 0.591 | 0.314 | 2.26 | 0.216 | 0.507 | 5.06 | 6.46 | 5 |
| 6 | 2.948 | 1.21 B | 10.9 B | 27.6 | 1.07 | 0.501 | 0.342 | 1.31 | 0.198 | 0.487 | 3.81 | 5.37 | 6 |
| 7 | 3.54 | 1.20 B | 12.8 B | 22.0 | 1.04 | 0.451 | 0.379 | 0.986 | 0.183 | 0.580 | 2.88 | 4.57 | 7 |
| 8 | 3.11 | 1.19 B | 28.6 B | 13.5 | 0.952 | 0.414 | 0.886 | 0.750 | 0.178 | 0.929 | 6.35 | 4.35 | 8 |
| 9 | 2.828 | 1.18 B | 35.2 B | 7.92 | 0.902 | 0.384 | 13.6 | 1.52 | 0.161 | 1.03 | 20.7 | 6.99 | 9 |
| 10 | 2.718 | 1.15 B | 37.3 B | 6.12 | 0.849 | 0.362 | 8.93 | 3.80 | 0.157 | 0.943 | 15.8 | 16.2 | 10 |
| 11 | 2.548 | 1.13 B | 31.0 B | 5.32 | 0.812 | 0.330 | 3.03 | 2.77 | 0.244 | 0.837 | 9.04 | 12.3 | 11 |
| 12 | 2.408 | 1.11 B | 14.7 B | 5.35 | 0.788 | 0.496 | 1.57 | 1.48 | 0.352 | 0.725 | 6.24 | 10.8 | 12 |
| 13 | 2.368 | 1.10 B | 9.76 B | 9.75 | 0.708 | 3.05 | 1.03 | 1.00 | 0.508 | 0.833 | 4.85 | 12.1 | 13 |
| 14 | 2.408 | 1.08 B | 6.048 | 8.41 | 0.865 | 1.00 | 0.878 | 0.787 | 0.565 | 0.584 | 3.84 | 10.7 | 14 |
| 15 | 3.428 | 1.05 B | 5.128 | 6.82 | 0.778 | 0.886 | 0.788 | 0.710 | 0.554 | 0.495 | 2.94 | 11.4 | 15 |
| 16 | 5.388 | 1.01 B | 5.188 | 5.63 | 0.749 | 0.456 | 0.684 | 0.580 | 0.529 | 0.462 | 2.50 | 19.9 | 16 |
| 17 | 4.788 | 1.00 B | 6.02 | 4.82 | 0.525 | 0.378 | 0.508 | 0.567 | 0.466 | 0.439 | 2.37 | 17.0 | 17 |
| 18 | 3.788 | 0.9848 | 8.21 | 3.84 | 0.831 | 0.329 | 0.416 | 0.561 | 0.424 | 0.473 | 2.368 | 11.6 | 18 |
| 19 | 2.958 | 0.9768 | 13.9 | 3.11 | 0.744 | 0.265 | 0.376 | 0.503 | 0.472 | 0.487 | 2.318 | 9.35 | 19 |
| 20 | 2.378 | 0.9708 | 20.1 | 2.65 | 0.697 | 0.224 | 1.54 | 0.446 | 0.556 | 0.494 | 2.298 | 22.3 | 20 |
| 21 | 1.998 | 0.9588 | 26.0 | 2.40 | 0.652 | 0.209 | 2.42 | 0.384 | 0.672 | 0.545 | 2.288 | 43.0 | 21 |
| 22 | 1.758 | 0.9508 | 30.2 | 2.17 | 0.601 | 2.29 | 1.13 | 0.353 | 1.49 | 0.588 | 2.98 | 26.5 | 22 |
| 23 | 1.528 | 0.9408 | 33.3 | 2.03 | 0.589 | 5.62 | 0.881 | 0.306 | 1.36 | 1.08 | 3.76 | 27.8 | 23 |
| 24 | 1.518 | 0.9368 | 32.8 | 1.83 | 0.519 | 2.66 | 0.564 | 0.248 | 0.941 | 2.79 | 15.7 | 16.9 | 24 |
| 25 | 1.448 | 0.9428 | 27.8 | 1.63 | 0.506 | 1.30 | 1.30 | 0.241 | 0.736 | 11.6 | 33.2 | 32.5 | 25 |
| 26 | 1.388 | 0.9788 | 22.7 | 1.48 | 0.492 | 0.951 | 0.785 | 0.221 | 0.579 | 9.12 | 55.0 | 33.3 | 26 |
| 27 | 1.348 | 1.00 B | 16.4 | 1.48 | 0.484 | 0.719 | 0.596 | 0.233 | 0.488 | 8.98 | 49.6 | 25.8 | 27 |
| 28 | 1.318 | 1.06 B | 11.4 | 2.09 | 0.448 | 0.613 | 0.468 | 0.265 | 0.442 | 16.8 | 36.5 | 16.0 | 28 |
| 29 | 1.298 | | 8.46 | 1.70 | 0.407 | 0.508 | 0.383 | 0.275 | 0.388 | 12.6 | 27.4 | 7.988 | 29 |
| 30 | 1.278 | | 12.8 | 1.48 | 0.383 | 0.425 | 0.320 | 0.262 | 0.443 | 14.3 | 22.8 | 6.688 | 30 |
| 31 | 1.268 | | 19.6 | | 0.489 | | 0.288 | 0.266 | | 9.87 | | 5.188 | 31 |
| TOTAL | 82.77 | 30.264 | 538.24 | 220.54 | 24.072 | 28.599 | 45.547 | 49.085 | 14.391 | 101.970 | 382.13 | 495.75 | TOTAL |
| MEAN | 2.67 | 1.08 | 17.4 | 7.35 | 0.777 | 0.953 | 1.47 | 1.58 | 0.480 | 3.29 | 12.1 | 16.0 | MEAN |
| MAX | 5.38 | 1.25 | 37.3 | 27.6 | 1.76 | 5.62 | 13.6 | 13.5 | 1.49 | 16.8 | 55.0 | 43.0 | MAX |
| MIN | 1.26 | 0.936 | 2.01 | 1.48 | 0.383 | 0.209 | 0.288 | 0.221 | 0.157 | 0.438 | 2.26 | 4.36 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.46
MAXIMUM DAILY, 55.0 ON NOV 26
MINIMUM DAILY, 0.157 ON SEP 10
MAXIMUM INSTANTANEOUS,
72.0 AT 22:18 EST ON NOV 25

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 04 N
LONG 81 32 38 W
DRAINAGE AREA, 376 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 150 | JUL | 3 940 |
| FEB | 2 610 | AUG | 4 240 |
| MAR | 46 500 | SEP | 1 240 |
| APR | 19 100 | OCT | 8 810 |
| MAY | 2 080 | NOV | 31 300 |
| JUN | 2 470 | DEC | 42 900 |

TOTAL DISCHARGE 172 000 dam³

## SOUTH NATION RIVER AT CASSELMAN - STATION NO. 02LB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23.1 | 4.188 | 2.518 | 138 | --- | --- | --- | --- | --- | --- | 6.82 | 191 | 1 |
| 2 | 19.6 | 4.068 | 2.608 | 87.5 | --- | --- | --- | --- | --- | --- | 6.84 | 147 | 2 |
| 3 | 17.2 | 3.958 | 2.528 | 85.7 | --- | --- | --- | --- | --- | --- | 6.01 | 108 | 3 |
| 4 | 13.8 | 3.848 | 2.458 | 82.4 | --- | --- | --- | --- | --- | --- | 6.41 | 79.4 | 4 |
| 5 | 12.6 | 3.788 | 2.618 | 246 | --- | --- | --- | --- | --- | --- | 8.13 | 52.8 | 5 |
| 6 | 11.3 | 3.678 | 2.848 | 174 | --- | --- | --- | --- | --- | --- | 8.05 | 40.2 | 6 |
| 7 | 10.7 | 3.568 | 3.258 | 121 | --- | --- | --- | --- | --- | --- | 8.24 | 28.6 | 7 |
| 8 | 9.63 | 3.508 | 4.118 | 85.8 | --- | --- | --- | --- | --- | --- | 7.70 | 21.5 | 8 |
| 9 | 8.89 | 3.428 | 6.908 | 67.3 | --- | 28.2 | --- | --- | --- | --- | 11.4 | 23.5 | 9 |
| 10 | 8.63 | 3.378 | 12.0 B | 52.7 | --- | 28.5 | --- | --- | --- | --- | 22.6 | 70.5 | 10 |
| 11 | 8.85 | 3.298 | 17.0 B | 41.2 | --- | --- | --- | --- | --- | --- | 18.8 | 127 | 11 |
| 12 | 9.26 | 3.228 | 20.0 B | 33.4 | --- | --- | --- | --- | --- | --- | 16.5 | 93.8 | 12 |
| 13 | 9.73 | 3.168 | 17.8 B | --- | --- | --- | --- | --- | --- | --- | 12.8 | 72.4 | 13 |
| 14 | 8.608 | 3.098 | 15.5 B | --- | --- | --- | --- | --- | --- | --- | 10.4 | 61.7 | 14 |
| 15 | 8.008 | 3.008 | 14.8 B | --- | --- | --- | --- | --- | --- | --- | 9.81 | 53.0 | 15 |
| 16 | 7.748 | 2.958 | 14.1 B | --- | --- | --- | --- | --- | --- | --- | 9.20 | 42.1 | 16 |
| 17 | 7.308 | 2.898 | 17.2 B | --- | --- | --- | --- | --- | --- | --- | 8.35 | 28.3 | 17 |
| 18 | 7.008 | 2.838 | 15.7 B | --- | --- | --- | --- | --- | --- | --- | 8.84 | 31.7 | 18 |
| 19 | 6.838 | 2.788 | 14.6 B | --- | --- | --- | --- | --- | --- | --- | 13.6 | --- | 19 |
| 20 | 6.408 | 2.738 | 21.5 B | --- | --- | --- | --- | --- | --- | --- | 13.0 | --- | 20 |
| 21 | 6.108 | 2.708 | 31.1 B | --- | --- | --- | --- | --- | --- | --- | 10.8 | 36.6 | 21 |
| 22 | 5.808 | 2.668 | 61.0 | --- | --- | --- | --- | --- | --- | --- | 9.03 | 54.6 | 22 |
| 23 | 5.588 | 2.628 | 155 | --- | --- | --- | --- | --- | --- | --- | 8.09 | 52.9 | 23 |
| 24 | 5.398 | 2.588 | 286 | --- | --- | --- | --- | --- | --- | --- | 10.4 | 48.7 | 24 |
| 25 | 5.158 | 2.558 | 402 B | --- | --- | --- | --- | --- | --- | --- | 10.6 | 50.8 | 25 |
| 26 | 4.868 | 2.508 | 567 B | --- | --- | --- | 52.6 | --- | --- | --- | 8.84 | 77.4 | 26 |
| 27 | 4.808 | 2.488 | 456 | --- | --- | --- | 48.7 | --- | --- | --- | 8.10 | 68.5 | 27 |
| 28 | 4.688 | 2.418 | 310 | --- | --- | --- | --- | --- | --- | --- | 7.31 | 48.5 | 28 |
| 29 | 4.508 | | 228 | --- | --- | --- | --- | --- | --- | --- | 9.24 | 38.6 | 29 |
| 30 | 4.408 | | 176 | --- | --- | --- | --- | --- | --- | --- | 111 | --- | 30 |
| 31 | 4.308 | | 150 | | --- | | --- | --- | | --- | | --- | 31 |
| TOTAL | 270.88 | 87.75 | 3 061.59 | --- | --- | --- | --- | --- | --- | --- | 404.81 | --- | TOTAL |
| MEAN | 8.73 | 3.13 | 98.8 | --- | --- | --- | --- | --- | --- | --- | 13.5 | --- | MEAN |
| MAX | 23.1 | 4.18 | 567 | --- | --- | --- | --- | --- | --- | --- | 111 | --- | MAX |
| MIN | 4.30 | 2.41 | 2.45 | --- | --- | --- | --- | --- | --- | --- | 5.01 | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 567B ON MAR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 01 N
LONG 75 05 32 W
DRAINAGE AREA, 2 410 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 23 400 | JUL | --- |
| FEB | 7 580 | AUG | --- |
| MAR | 265 000 | SEP | --- |
| APR | --- | OCT | --- |
| MAY | --- | NOV | 35 000 |
| JUN | --- | DEC | --- |

## SOUTH NATION RIVER AT CHESTERVILLE - STATION NO 02LB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 61.3A | --- | --- | --- | --- | --- | --- | --- | --- | 1 |
| 2 | --- | --- | --- | 46.4 | --- | --- | --- | --- | --- | --- | --- | --- | 2 |
| 3 | --- | --- | --- | 36.0 | --- | --- | --- | --- | --- | --- | --- | --- | 3 |
| 4 | --- | --- | --- | 42.1 | --- | --- | --- | --- | --- | --- | --- | --- | 4 |
| 5 | --- | --- | --- | 86.1 | --- | --- | --- | --- | --- | --- | --- | --- | 5 |
| 6 | --- | --- | --- | 77.9A | --- | --- | --- | --- | --- | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | --- | --- | 211 A | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | --- | --- | 244 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | --- | --- | 218 A | --- | --- | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | --- | --- | 161 A | --- | --- | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | --- | | 109 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | --- | | 79.1A | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | --- | | 67.9E | | --- | | --- | --- | | --- | | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 05 03 N
LONG 75 13 36 W
DRAINAGE AREA, 1 060 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | --- |
| FEB | --- | AUG | --- |
| MAR | --- | SEP | --- |
| APR | --- | OCT | --- |
| MAY | --- | NOV | --- |
| JUN | --- | DEC | --- |

REMARKS - SEASONAL OPERATION (FRESHET) ONLY

## SOUTH NATION RIVER AT SPENCERVILLE - STATION NO 02LB007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.96 | 0.965B | 0.952 | 11.9 | 3.18 | 0.434E | 0.122 | 0.049 | 0.005 | 0.055 | 0.583 | 21.0 | 1 |
| 2 | 3.55 | 0.950B | 1.06 B | 10.1 | 2.79 | 0.427E | 0.097 | 0.042 | 0.004 | 0.052 | 0.566 | 22.9 | 2 |
| 3 | 3.20 | 0.955B | 1.09 | 8.84 | 2.20 | 0.427E | 0.136 | 0.044 | 0.003 | 0.059 | 0.585 | 16.8 | 3 |
| 4 | 2.88 | 0.950B | 1.17 | 8.73 | 1.89 | 0.420E | 0.189 | 0.044 | 0.003 | 0.089 | 0.655 | 10.7 | 4 |
| 5 | 2.39 | 0.945B | 1.27 | 14.1 | 1.41 | 0.420A | 0.152 | 0.037 | 0.002 | 0.106 | 0.829 | 7.90 | 5 |
| 6 | 2.24 | 0.941B | 1.35 | 14.5 | 1.46 | 0.410 | 0.112 | 0.034 | 0.003 | 0.102 | 0.973 | 5.87 | 6 |
| 7 | 2.06 | 0.937B | 1.63 B | 11.4 | 1.20 | 0.418 | 0.106 | 0.024 | 0.003 | 0.148 | 1.07 | 4.62 | 7 |
| 8 | 1.95 | 0.933B | 2.14 | 9.84 | 1.03 | 0.423 | 0.090 | 0.027 | 0.004 | 0.272 | 1.07 | 3.86 | 8 |
| 9 | 1.76 | 0.929B | 3.67 | 8.17 | 0.946 | 0.447 | 0.068 | 0.026 | 0.008 | 0.307E | 1.40 | 3.65 | 9 |
| 10 | 1.65 | 0.925B | 7.20 B | 8.35 | 0.792 | 0.488 | 0.085 | 0.022 | 0.010 | 0.320 | 2.04 | 5.87 | 10 |
| 11 | 1.63 | 0.921B | 3.80 B | 5.31 | 0.737 | 0.507 | 0.087 | 0.014E | 0.013 | 0.334 | 2.39 | 9.30 | 11 |
| 12 | 1.61 | 0.918B | 8.75 B | 4.55 | 0.695 | 0.636 | 0.077 | 0.013A | 0.016 | 0.347 | 2.00 | 8.89 | 12 |
| 13 | 1.59 | 0.914B | 5.61 B | 4.03 | 0.633 | 0.763 | 0.078 | 0.013E | 0.023 | 0.339 | 1.83 | 7.12 | 13 |
| 14 | 1.54 | 0.912B | 5.36 | 3.70 | 0.598 | 0.895 | 0.087 | 0.013E | 0.034 | 0.341 | 1.41 | 6.05 | 14 |
| 15 | 1.49 B | 0.909B | 4.87 | 3.30 | 0.614 | 0.789 | 0.092 | 0.012E | 0.039 | 0.311 | 1.29 | 5.23 | 15 |
| 16 | 1.44 B | 0.907B | 4.36 | 2.82 | 0.848 | 0.869 | 0.102 | 0.011E | 0.049 | 0.272 | 1.20 | 4.19 | 16 |
| 17 | 1.39 B | 0.905B | 4.19 | 2.43 | 0.819 | 0.584 | 0.082 | 0.011E | 0.048 | 0.232 | 1.18 | 3.84 | 17 |
| 18 | 1.34 B | 0.903B | 4.23 | 2.24 | 1.10 | 0.513 | 0.087 | 0.011E | 0.036 | 0.209 | 1.27 | 3.88 | 18 |
| 19 | 1.29 B | 0.902B | 4.59 | 1.90 | 0.762 | 0.495 | 0.098 | 0.011E | 0.035 | 0.219E | 1.41 | 3.37 | 19 |
| 20 | 1.24 B | 0.901B | 5.35 | 1.81 | 0.615 | 0.487 | 0.081 | 0.011E | 0.046 | 0.233E | 1.58 | 3.29 | 20 |
| 21 | 1.20 B | 0.899B | 6.48 | 1.50 | 0.523 | 0.444 | 0.057 | 0.010E | 0.052 | 0.214E | 1.54 | 4.17 | 21 |
| 22 | 1.17 B | 0.898B | 8.96 B | 1.31 | 0.515 | 0.388 | 0.065 | 0.010E | 0.064 | 0.214A | 1.30 | 5.58 | 22 |
| 23 | 1.14 B | 0.897B | 23.7 B | 1.23 | 0.506 | 0.385 | 0.052 | 0.009E | 0.052 | 0.246 | 1.11 | 6.63 | 23 |
| 24 | 1.11 B | 0.896B | 29.7 B | 1.51 | 0.474 | 0.330 | 0.056 | 0.009E | 0.045 | 0.277 | 1.06 | 5.17 | 24 |
| 25 | 1.08 B | 0.895B | 35.9 B | 1.71 | 0.487 | 0.244 | 0.053 | 0.009E | 0.039 | 0.279 | 1.12 | 6.06 | 25 |
| 26 | 1.06 B | 0.893B | 36.2 | 1.54 | 0.442 | 0.172 | 0.087 | 0.008E | 0.032 | 0.289 | 1.15 | 7.84 | 26 |
| 27 | 1.04 B | 0.892B | 31.6 | 1.39 | 0.442 | 0.182 | 0.087 | 0.008E | 0.030 | 0.313 | 1.28 | 7.83 | 27 |
| 28 | 1.02 B | 0.891 | 24.7 | 1.37 | 0.441E | 0.161 | 0.054 | 0.007A | 0.025 | 0.383 | 1.34 | 5.93B | 28 |
| 29 | 1.01 B | | 18.6 | 1.62 | 0.441E | 0.126 | 0.051 | 0.007 | 0.019 | 0.459 | 1.71 | 4.04 | 29 |
| 30 | 0.990B | | 14.1 | 2.63 | 0.441E | 0.120 | 0.046 | 0.006 | 0.034 | 0.553 | 7.02 | 2.57 | 30 |
| 31 | 0.970B | | 12.3 | | 0.434E | | 0.047 | 0.006 | | 0.822 | | 1.86 | 31 |
| TOTAL | 52.040 | 25.694 | 322.502 | 151.63 | 29.048 | 13.124 | 2.883 | 0.556 | 0.777 | 8.177 | 43.781 | 216.47 | TOTAL |
| MEAN | 1.68 | 0.918 | 10.4 | 5.05 | 0.937 | 0.437 | 0.086 | 0.018 | 0.026 | 0.264 | 1.46 | 6.98 | MEAN |
| MAX | 3.96 | 0.965 | 36.2 | 14.5 | 3.18 | 0.895 | 0.189 | 0.049 | 0.064 | 0.822 | 7.02 | 22.9 | MAX |
| MIN | 0.970 | 0.891 | 0.952 | 1.23 | 0.434 | 0.120 | 0.046 | 0.006 | 0.063 | 0.052 | 0.566 | 1.86 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.37
MAXIMUM DAILY, 36.2 ON MAR 26
MINIMUM DAILY, 0.003 ON SEP 3
MAXIMUM INSTANTANEOUS,
36.9 AT 22:32 EST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 32 N
LONG 75 32 38 W
DRAINAGE AREA, 246 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 500 | JUL | 230 |
| FEB | 2 220 | AUG | 48.2 |
| MAR | 27 800 | SEP | 67.1 |
| APR | 13 100 | OCT | 706 |
| MAY | 2 510 | NOV | 3 780 |
| JUN | 1 130 | DEC | 18 700 |

TOTAL DISCHARGE, 74 900 dam³

## SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS - STATION NO 02LB005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 35.0 | 8.40B | 4.48B | 409 | 23.5 | 22.9 | 13.7 | 7.61 | 1.89 | 7.57 | 20.2 | 323 | 1 |
| 2 | 30.3 | 8.14B | 4.70B | 283 | 21.5 | 17.8 | 9.47 | 5.62 | 1.86 | 9.75 | 18.5 | 290 | 2 |
| 3 | 27.1 | 7.98B | 4.60B | 183 A | 18.9 | 19.8 | 7.19 | 5.45 | 1.80 | 10.8 | 16.7 | 216 A | 3 |
| 4 | 23.3 | 7.74B | 4.54B | 142 A | 15.7 | 19.9 | 8.28 | 4.94 | 1.76 | 10.3 | 15.7 | 180 | 4 |
| 5 | 21.6 | 7.55B | 4.44B | 306 | 13.2 | 16.8 | 13.3 | 4.78 | 1.56 | 9.19 | 17.4 | 111 | 5 |
| 6 | 20.1 | 7.30B | 4.68B | 341 | 12.1 | 16.0 | 10.6 | 4.02 | 1.35 | 6.88 | 19.2 | 78.8 | 6 |
| 7 | 18.9 | 7.10B | 5.08B | 288 | 11.3 | 13.4 | 8.01 | 4.85 | 1.33 | 7.41 | 18.1 | 52.6 | 7 |
| 8 | 17.7 | 6.88B | 5.30B | 194 | 10.8 | 18.4 | 7.13 | 4.05 | 1.88 | 15.0 | 17.0 | 36.7 | 8 |
| 9 | 16.8 | 6.68B | 8.05B | 141 | 10.4 | 61.8 | 6.91 | 3.83 | 2.51 | 17.2 | 18.3 | 37.0 | 9 |
| 10 | 16.1 | 6.52B | 15.2 B | 102 | 8.37 | 78.5 | 6.41 | 3.44 | 2.40 | 15.3 | 29.4 | 89.9 | 10 |
| 11 | 15.9 | 6.38B | 25.2 B | 75.6 | 8.02 | 49.2 | 5.83 | 2.83 | 2.44 | 14.5 | 33.0 | 204 | 11 |
| 12 | 15.7 | 6.19B | 35.1 B | 56.6 | 9.75 | 30.1 | 4.89 | 1.98 | 5.85 | 12.4 | 27.2 | 187 | 12 |
| 13 | 15.5 | 6.01B | 38.0 B | 42.3 | 10.3 | 27.3 | 4.80 | 1.45 | 26.1 | 10.5 | 24.3 | 147 | 13 |
| 14 | 13.9 | 5.88B | 34.1 B | 31.9 | 9.37 | 25.2 | 4.85 | 1.56 | 43.3 | 8.89 | 20.8 | 118 | 14 |
| 15 | 14.4 | 5.80B | 31.0 B | 28.4 | 10.1 | 20.6 | 10.1 | 1.93 | 31.8 | 8.48 | 19.5 | 94.0 | 15 |
| 16 | 13.3 | 5.67B | 27.9 B | 25.7 | 14.2 | 14.7 | 11.1 | 4.04 | 18.7 | 7.73 | 17.7 | 72.4 | 16 |
| 17 | 12.9 B | 5.50B | 25.5 B | 24.5 | 15.3 | 13.3 | 9.40 | 8.47 | 13.3 | 8.21 | 16.4 | 52.1 | 17 |
| 18 | 12.6 B | 5.25B | 24.2 B | 22.9 | 14.1 | 11.4 | 8.24 | 5.23 | 9.29 | 7.76 | 20.3 | 41.0 | 18 |
| 19 | 12.3 B | 5.20B | 23.5 B | 20.7 | 12.8 | 9.16 | 9.07 | 4.05 | 7.61 | 7.17 | 27.4 | 41.1 | 19 |
| 20 | 11.9 B | 5.15B | 26.5 B | 18.9 | 11.5 | 6.81 | 9.84 | 2.82 | 6.37 | 6.79 | 26.2 | 37.2 | 20 |
| 21 | 11.5 B | 5.00B | 31.5 B | 16.1 | 10.0 | 5.22 | 10.1 | 2.24 | 5.66 | 6.41 | 23.2 | 42.8 | 21 |
| 22 | 11.1 B | 4.95B | 54.0 B | 14.8 | 8.38 | 5.40 | 8.82 | 2.13 | 5.17 | 7.77 | 17.2 | 72.7 | 22 |
| 23 | 10.8 B | 4.88B | 157 | 13.4 | 10.4 | 5.36 | 7.65 | 1.82 | 7.20 | 6.56 | 16.2 | 79.8 | 23 |
| 24 | 10.5 B | 4.76B | 295 | 14.5 | 17.2 | 5.08 | 8.78 | 1.67 | 7.13 | 8.70 | 16.4 | 75.8 | 24 |
| 25 | 10.1 B | 4.70B | 363 B | 16.9 | 16.6 | 5.05 | 22.6 | 1.37 | 7.09 | 15.7 | 18.8 | 88.6 | 25 |
| 26 | 9.80B | 4.61B | 452 B | 18.4 | 13.7 | 5.19 | 45.1 | 1.56 | 8.19 | 19.3 | 15.8 | 94.6 | 26 |
| 27 | 9.65B | 4.56B | 686 B | 15.2 | 11.2 | 5.46 | 76.3 | 1.38 | 5.08 | 19.0 | 14.3 | 114 | 27 |
| 28 | 9.40B | 4.50B | 794 B | 13.9 | 12.3 | 10.7 | 39.4 | 1.27 | 4.45 | 21.3 | 13.8 | 97.1 | 28 |
| 29 | 9.20B | | 700 B | 15.4 | 18.7 | 11.8 | 23.2 | 1.51 | 5.71 | 24.5 | 16.2 | 78.0 | 29 |
| 30 | 8.87B | | 592 | 16.9 | 20.9 | 14.0 | 15.2 | 1.52 | 8.23 | 21.9 | 110 | 60.7 | 30 |
| 31 | 8.60B | | 498 | | 26.7 | | 9.97 | 1.53 | | 20.5 | | 67.6 | 31 |
| TOTAL | 474.92 | 169.34 | 4 985.65 | 2 572.4 | 427.29 | 583.13 | 435.94 | 100.66 | 244.81 | 373.26 | 686.2 | 3 236.3 | TOTAL |
| MEAN | 15.3 | 6.05 | 160 | 85.7 | 13.8 | 18.8 | 14.1 | 3.25 | 8.16 | 12.0 | 22.9 | 104 | MEAN |
| MAX | 35.0 | 8.40 | 794 | 409 | 26.7 | 75.5 | 76.3 | 8.47 | 43.3 | 24.5 | 110 | 323 | MAX |
| MIN | 8.60 | 4.50 | 4.44 | 13.4 | 8.02 | 5.05 | 4.85 | 1.27 | 1.33 | 6.41 | 13.8 | 35.7 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.9
MAXIMUM DAILY, 794B ON MAR 26
MINIMUM DAILY, 1.27 ON AUG 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 30 23 N
LONG 74 57 20 W
DRAINAGE AREA, 3 810 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 61 000 | JUL | 37 700 |
| FEB | 14 600 | AUG | 8 700 |
| MAR | 429 000 | SEP | 21 200 |
| APR | 248 000 | OCT | 32 200 |
| MAY | 35 900 | NOV | 59 500 |
| JUN | 46 700 | DEC | 280 000 |

TOTAL DISCHARGE, 1 280 000 dam³

## SOUTH PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.410 | 0.0928 | 7.82 B | 0.987 | 0.085 | 0.073 | 0.003 | 0 | 0 | 0.035 | 0.188 | 0.937 | 1 |
| 2 | 0.394 | 0.1018 | 12.5 B | 1.48 | 0.083 | 0.020 | 0.002 | 0 | 0 | 0.041 | 0.182 | 0.841 | 2 |
| 3 | 0.350 | 0.1068 | 2.29 B | 1.53 | 0.057 | 0.050 | 0.002 | 0 | 0 | 0.240 | 0.137 | 0.989 | 3 |
| 4 | 0.2928 | 0.1188 | 0.8788 | 1.19 | 0.044 | 0.030 | 0.007 | 0.002 | 0 | 0.100 | 0.132 | 1.08 | 4 |
| 5 | 0.2718 | 0.1188 | 0.8218 | 5.59 | 0.041 | 0.019 | 0.006 | 0.002 | 0 | 0.047 | 0.099 | 0.893 | 5 |
| 6 | 0.224 | 0.1188 | 3.22 B | 4.52 | 0.040 | 0.013 | 0.003 | 0 | 0 | 0.026 | 0.081 | 0.885 | 6 |
| 7 | 0.214 | 0.1248 | 8.43 B | 1.10 | 0.048 | 0.012 | 0.002 | 0 | 0 | 0.028 | 0.071 | 0.772 | 7 |
| 8 | 0.438 | 0.1958 | 5.16 B | 0.587 | 0.028 | 0.013 | 0.150 | 0 | 0 | 0.865 | 0.091 | 3.74 | 8 |
| 9 | 0.338 | 0.2038 | 1.74 B | 0.418 | 0.034 | 0.011 | 0.248 | 0.001 | 0 | 0.533 | 0.251 | 15.9 | 9 |
| 10 | 0.287 | 0.1578 | 0.5608 | 0.327 | 0.032 | 0.007 | 0.051 | 0.004 | 0 | 0.197 | 0.208 | 3.49 | 10 |
| 11 | 0.261 | 0.1388 | 0.3638 | 0.257 | 0.030 | 0.005 | 0.028 | 0.003 | 0 | 0.110 | 0.144 | 0.958 | 11 |
| 12 | 0.244 | 0.1618 | 0.2718 | 2.54 | 0.033 | 0.008 | 0.007 | 0.001 | 0.008 | 0.087 | 0.113 | 1.84 | 12 |
| 13 | 0.224 | 0.1238 | 0.2238 | 3.14 | 0.018 | 0.007 | 0.004 | 0 | 0.010 | 0.084 | 0.095 | 0.927 | 13 |
| 14 | 0.249 | 0.1198 | 0.2208 | 0.784 | 0.024 | 0.005 | 0.071 | 0 | 0.005 | 0.045 | 0.081 | 0.584 | 14 |
| 15 | 2.57 | 0.1108 | 0.1808 | 0.626 | 0.038 | 0.004 | 0.040 | 0 | 0.002 | 0.034 | 0.067 | 9.57 | 15 |
| 16 | 1.41 | 0.1028 | 0.179 | 0.462 | 0.024 | 0.002 | 0.009 | 0 | 0.002 | 0.025 | 0.062 | 5.87 | 16 |
| 17 | 0.5448 | 0.0888 | 0.161 | 0.367 | 0.027 | 0.001 | 0.004 | 0 | 0.018 | 0.023 | 0.080 | 1.25 | 17 |
| 18 | 0.3828 | 0.0848 | 0.174 | 0.290 | 0.021 | 0.001 | 0.002 | 0 | 0.088 | 0.033 | 0.084 | 0.816 | 18 |
| 19 | 0.2678 | 0.0888 | 0.185 | 0.231 | 0.028 | 0 | 0.001 | 0 | 0.021 | 0.038 | 0.081 | 0.842 | 19 |
| 20 | 0.2418 | 0.0858 | 0.177 | 0.187 | 0.018 | 0 | 0 | 0 | 0.010 | 0.030 | 0.085 | 13.8 | 20 |
| 21 | 0.2158 | 0.0628 | 0.172 | 0.171 | 0.016 | 0 | 0 | 0 | 0.048 | 0.030 | 0.058 | 5.75 | 21 |
| 22 | 0.2008 | 0.1068 | 0.170 | 0.136 | 0.016 | 0 | 0 | 0 | 0.073 | 0.031 | 0.061 | 1.07 | 22 |
| 23 | 0.1448 | 0.1298 | 0.161 | 0.134 | 0.017 | 0.001 | 0 | 0 | 0.036 | 0.109 | 0.090 | 0.747 | 23 |
| 24 | 0.1368 | 0.1378 | 0.150 | 0.111 | 0.013 | 0.001 | 0 | 0 | 0.013 | 0.481 | 0.497 | 0.824 | 24 |
| 25 | 0.1238 | 0.1768 | 0.154 | 0.088 | 0.012 | 0 | 0 | 0 | 0.010 | 1.82 | 13.8 | 0.860 | 25 |
| 26 | 0.1138 | 0.2058 | 0.147 | 0.080 | 0.011 | 0 | 0 | 0 | 0.010 | 0.534 | 18.3 | 0.870 | 26 |
| 27 | 0.1068 | 0.2738 | 0.130 | 0.097 | 0.011 | 0.006 | 0 | 0 | 0.008 | 2.15 | 2.08 | 0.400 | 27 |
| 28 | 0.1028 | 0.4378 | 0.116 | 0.112 | 0.007 | 0.029 | 0 | 0 | 0.008 | 1.20 | 0.885 | 0.315 | 28 |
| 29 | 0.0888 | | 0.107 | 0.087 | 0.007 | 0.010 | 0 | 0 | 0.010 | 0.643 | 1.88 | 0.2408 | 29 |
| 30 | 0.1048 | | 0.823 | 0.077 | 0.010 | 0.004 | 0 | 0 | 0.008 | 0.388 | 1.38 | 0.178 | 30 |
| 31 | 0.0998 | | 0.841 | | 0.173 | | 0 | 0 | | 0.281 | | 0.170 | 31 |
| TOTAL | 11.180 | 3.939 | 49.523 | 26.437 | 1.013 | 0.392 | 0.638 | 0.013 | 0.370 | 10.242 | 38.211 | 77.340 | TOTAL |
| MEAN | 0.380 | 0.141 | 1.80 | 0.948 | 0.033 | 0.013 | 0.021 | 0 | 0.012 | 0.330 | 1.31 | 2.49 | MEAN |
| MAX | 2.57 | 0.437 | 12.5 | 5.59 | 0.173 | 0.050 | 0.248 | 0.004 | 0.073 | 2.15 | 18.3 | 15.9 | MAX |
| MIN | 0.098 | 0.085 | 0.107 | 0.077 | 0.007 | 0 | 0 | 0 | 0 | 0.023 | 0.061 | 0.170 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.608
MAXIMUM DAILY, 18.3 ON NOV 26
MINIMUM DAILY, 0 ON JUN 19
MAXIMUM INSTANTANEOUS,
36.1 AT 22:04 EST ON NOV 25

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 09 39 N
LONG 81 43 56 W
DRAINAGE AREA, 41.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 984 | JUL | 55.1 |
| FEB | 340 | AUG | 1.12 |
| MAR | 4 280 | SEP | 32.0 |
| APR | 2 480 | OCT | 885 |
| MAY | 87.5 | NOV | 3 390 |
| JUN | 33.9 | DEC | 6 680 |

TOTAL DISCHARGE, 19 200 dam³

## SOUTH RAISIN RIVER DIVERSION AT LONG SAULT - STATION NO. 02MC009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | 0.301 | 0.227 | --- | --- | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 0.248 | 0.228 | --- | --- | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 0.229 | 0.266 | --- | --- | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 0.261 | 0.271 | --- | --- | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | 0.244 | 0.203 | --- | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 0.215 | 0.198 | --- | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 0.218 | 0.234 | --- | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 0.220 | 0.251 | --- | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 0.225 | 0.238 | --- | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 0.218 | 0.203 | --- | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 0.217 | 0.198 | --- | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 0.213 | 0.198 | --- | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 0.218 | 0.195 | --- | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 0.225 | 0.208 | --- | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 0.212 | 0.205 | --- | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 0.202 | 0.215 | --- | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 0.214 | 0.220 | --- | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 0.259 | 0.232 | --- | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 0.214 | 0.234 | --- | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 0.198 | 0.122 | --- | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 0.212 | --- | --- | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 0.096 | 0.211 | --- | --- | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 0.214 | 0.224 | --- | --- | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 0.257 | 0.258A | --- | --- | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 0.259 | 0.233 | --- | --- | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 0.271 | 0.230A | --- | --- | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 0.288 | 0.223 | --- | --- | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 0.329 | 0.241 | --- | --- | --- | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | 0.329 | 0.241 | --- | --- | --- | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | 0.329 | 0.249 | --- | --- | --- | --- | --- | 30 |
| 31 | --- | | --- | | --- | | 0.216 | --- | | --- | | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | 7.079 | --- | --- | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | 0.228 | --- | --- | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | 0.301 | --- | --- | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | 0.198 | --- | --- | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.329 ON JUN 28
MINIMUM DAILY, 0.096 ON JUN 22
MAXIMUM INSTANTANEOUS,
0.381 AT 18:20 EST ON JUN 28

REMARKS - VALVE OPEN JUN 22 - AUG 20 1987

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 46 N
LONG 74 53 20 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 612 |
| FEB | --- | AUG | --- |
| MAR | --- | SEP | --- |
| APR | --- | OCT | --- |
| MAY | --- | NOV | --- |
| JUN | --- | DEC | --- |

SOUTH RAISIN RIVER NEAR CORNWALL - STATION NO 02MC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 1.34 | --- | --- | --- | --- | --- | --- | --- | --- | 1 |
| 2 | --- | --- | --- | 0.806 | --- | --- | --- | --- | --- | --- | --- | --- | 2 |
| 3 | --- | --- | --- | 0.877 | --- | 0.088A | --- | --- | --- | --- | --- | --- | 3 |
| 4 | --- | --- | --- | 0.880 | --- | --- | --- | --- | --- | --- | --- | --- | 4 |
| 5 | --- | --- | --- | 0.995 | --- | --- | --- | --- | --- | --- | --- | --- | 5 |
| 6 | --- | --- | --- | 0.959 | --- | --- | --- | --- | --- | --- | --- | --- | 6 |
| 7 | --- | --- | --- | 0.883 | --- | --- | --- | --- | --- | --- | --- | --- | 7 |
| 8 | --- | --- | --- | 1.05 | --- | --- | --- | --- | --- | --- | --- | --- | 8 |
| 9 | --- | --- | --- | 0.805 | --- | --- | --- | --- | --- | --- | --- | --- | 9 |
| 10 | --- | --- | --- | 0.705 | --- | --- | --- | --- | --- | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15 |
| 16 | --- | --- | 0.3008 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16 |
| 17 | --- | 0.084A | 0.2888 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | --- | --- | 0.2808 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | --- | --- | 0.2878 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | --- | --- | 0.3108 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | --- | --- | 0.4028 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | --- | --- | 1.32 B | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | --- | --- | 4.40 B | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | --- | --- | 5.40 B | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | --- | --- | 6.24 A | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | --- | --- | 6.88 A | --- | --- | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | --- | --- | 5.40 E | --- | --- | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | --- | --- | 3.70 E | --- | --- | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | --- | | 2.21 A | --- | --- | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | --- | | 1.86 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | --- | | 1.50 | | --- | | --- | --- | | --- | | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 05 N
LONG 74 48 25 W
DRAINAGE AREA, 26.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | --- |
| FEB | --- | AUG | --- |
| MAR | --- | SEP | --- |
| APR | --- | OCT | --- |
| MAY | --- | NOV | --- |
| JUN | --- | DEC | --- |

REMARKS - GAUGE OPERATIONAL SPRING 1986, SEASONAL OPERATION (MAR-MAY APPROX.) RELOCATED 3.3 km UPSTREAM NOV 1986.

SOUTH RIVER AT SOUTH RIVER - STATION NO 02DD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.82 | 4.20 | 2.08 | 21.9 | 3.39 | 2.77 | 1.77 | 1.33 | 1.87 | 1.28 | 4.77 | 5.41 | 1 |
| 2 | 3.99 | 3.858 | 2.15 | 18.8 | 3.05 | 2.76 | 1.77 | 1.30 | 1.84 | 1.38 | 4.52 | 5.53 | 2 |
| 3 | 3.97 | 3.558 | 2.04 | 14.2 | 3.10 | 2.92 | 1.68 | 1.28 | 1.74 | 1.49 | 4.32 | 5.43 | 3 |
| 4 | 3.85 | 3.358 | 1.98 | 11.3 | 3.06 | 2.96 | 1.82 | 1.97 | 1.63 | 1.54 | 4.19 | 5.24 | 4 |
| 5 | 3.76 | 3.158 | 1.91 | 9.52 | 3.10 | 2.29 | 1.56 | 1.88 | 1.94 | 1.58 | 4.06 | 4.95 | 5 |
| 6 | 3.84 | 3.068 | 2.00 | 9.35 | 2.95 | 1.35 | 1.56 | 1.82 | 1.43 | 2.41 | 3.93 | 4.80 | 6 |
| 7 | 3.53 | 3.058 | 2.27 | 10.7 | 2.36 | 1.62 | 1.57 | 1.76 | 1.37 | 3.34 | 3.78 | 4.12 | 7 |
| 8 | 3.40 | 3.158 | 2.50 | 12.3 | 1.78 | 1.81 | 1.72 | 1.87 | 1.34 | 3.00 | 3.62 | 3.91 | 8 |
| 9 | 3.30 | 3.158 | 2.578 | 11.8 | 1.78 | 2.26 | 1.86 | 1.94 | 1.28 | 2.77 | 3.45 | 4.15 | 9 |
| 10 | 3.29 | 2.98 | 2.598 | 10.3 | 1.82 | 2.78 | 1.90 | 1.81 | 1.24 | 2.49 | 3.30 | 5.12 | 10 |
| 11 | 3.23 | 2.858 | 3.28 | 12.1 | 1.92 | 3.05 | 1.90 | 1.90 | 1.21 | 2.33 | 3.13 | 6.89 | 11 |
| 12 | 3.13 | 2.78 | 3.73 | 12.8 | 1.92 | 3.41 | 1.86 | 1.85 | 1.16 | 2.21 | 3.04 | 8.08 | 12 |
| 13 | 3.02 | 2.758 | 3.07 | 12.8 | 1.95 | 3.78 | 1.81 | 1.79 | 1.12 | 2.11 | 3.00 | 7.48 | 13 |
| 14 | 2.95 | 2.758 | 2.71 | 11.7 | 1.95 | 3.88 | 1.91 | 1.75 | 1.05 | 2.02 | 2.95 | 6.86 | 14 |
| 15 | 2.95 | 2.728 | 2.46 | 9.18 | 1.94 | 3.75 | 2.01 | 3.50 | 1.03 | 1.93 | 2.89 | 6.40 | 15 |
| 16 | 4.58 | 2.708 | 2.30 | 7.81 | 2.06 | 3.56 | 2.00 | 4.98 | 0.991 | 1.87 | 2.81 | 5.92 | 16 |
| 17 | 6.17 | 2.658 | 2.15 | 7.53 | 2.26 | 3.28 | 1.96 | 5.13 | 1.00 | 1.82 | 2.83 | 5.63 | 17 |
| 18 | 5.04 | 2.558 | 2.08 | 7.16 | 2.41 | 3.00 | 2.09 | 4.88 | 0.959 | 1.78 | 2.93 | 5.28 | 18 |
| 19 | 4.43 | 2.458 | 2.02 | 6.57 | 2.50 | 3.80 | 2.07 | 4.69 | 0.938 | 1.76 | 3.17 | 5.11 | 19 |
| 20 | 3.98 | 2.388 | 1.99 | 6.01 | 2.47 | 2.56 | 2.00 | 4.23 | 1.03 | 1.73 | 3.82 | 5.10 | 20 |
| 21 | 3.77 | 2.33 | 1.96 | 5.53 | 2.42 | 2.37 | 1.95 | 3.72 | 1.25 | 1.70 | 4.39 | 5.08 | 21 |
| 22 | 3.68 | 2.29 | 2.05 | 4.13 | 2.46 | 2.21 | 1.86 | 3.26 | 1.26 | 1.67 | 3.94 | 5.03 | 22 |
| 23 | 3.558 | 2.188 | 2.25 | 3.05 | 2.44 | 2.07 | 1.74 | 2.91 | 1.30 | 1.89 | 3.67 | 4.96 | 23 |
| 24 | 3.458 | 2.128 | 2.63 | 3.39 | 2.42 | 1.92 | 1.90 | 2.73 | 1.37 | 1.81 | 3.81 | 4.81 | 24 |
| 25 | 3.358 | 2.09 | 3.40 | 3.49 | 2.39 | 1.81 | 2.06 | 2.44 | 1.34 | 2.20 | 4.24 | 4.75 | 25 |
| 26 | 3.308 | 2.23 | 5.35 | 3.43 | 2.41 | 1.70 | 1.92 | 2.20 | 1.32 | 2.45 | 4.47 | 4.84 | 26 |
| 27 | 3.258 | 2.39 | 8.26 | 3.37 | 2.53 | 1.63 | 1.82 | 2.02 | 1.33 | 3.85 | 4.43 | 4.45 | 27 |
| 28 | 3.22 | 2.15 | 10.4 | 3.54 | 2.57 | 1.61 | 1.69 | 1.90 | 1.28 | 5.10 | 4.34 | 4.23 | 28 |
| 29 | 3.72 | | 11.9 | 3.64 | 2.57 | 1.67 | 1.59 | 1.77 | 1.27 | 5.03 | 4.42 | 4.05 | 29 |
| 30 | 4.58 | | 16.6 | 3.89 | 2.55 | 1.77 | 1.49 | 1.73 | 1.28 | 5.02 | 4.82 | 3.94 | 30 |
| 31 | 4.84 | | 22.3 | | 2.68 | | 1.42 | 1.87 | | 4.98 | | 4.12 | 31 |
| TOTAL | 116.34 | 77.85 | 135.01 | 280.80 | 75.18 | 75.39 | 55.05 | 77.81 | 38.788 | 75.18 | 113.14 | 161.09 | TOTAL |
| MEAN | 3.75 | 2.78 | 4.36 | 8.68 | 2.43 | 2.51 | 1.81 | 2.50 | 1.29 | 2.46 | 3.77 | 5.20 | MEAN |
| MAX | 6.17 | 4.20 | 22.3 | 21.9 | 3.39 | 3.88 | 2.09 | 5.13 | 1.87 | 5.10 | 4.82 | 8.08 | MAX |
| MIN | 2.95 | 2.09 | 1.91 | 3.05 | 1.78 | 1.35 | 1.42 | 1.28 | 0.938 | 1.29 | 2.81 | 3.91 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.46
MAXIMUM DAILY, 22.3 ON MAR 31
MINIMUM DAILY, 0.938 ON SEP 19
MAXIMUM INSTANTANEOUS,
22.5 AT 06:31 EST ON MAR 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 50 54 N
LONG 79 22 46 W
DRAINAGE AREA, 315 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 10 100 | JUL | 4 880 |
| FEB | 6 730 | AUG | 6 710 |
| MAR | 11 700 | SEP | 3 350 |
| APR | 22 500 | OCT | 6 580 |
| MAY | 6 500 | NOV | 9 780 |
| JUN | 6 510 | DEC | 13 900 |

TOTAL DISCHARGE, 109 000 dam³

## SOUTH SAUGEEN RIVER NEAR HANOVER - STATION NO 02FC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.46 | 4.228 | 4.008 | 35.9 | 3.81 | 1.55 | 1.46 | 0.981 | 1.09 | 1.42 | 3.78 | 39.4 | 1 |
| 2 | 7.34 | 4.318 | 4.258 | 27.7 | 3.61 | 1.65 | 1.39 | 1.13 | 1.13 | 1.39 | 3.25 | 31.3 | 2 |
| 3 | 6.428 | 4.268 | 4.608 | 23.0 | 3.04 | 2.15 | 1.34 | 1.53 | 1.02 | 1.33 | 3.16 | 19.9 | 3 |
| 4 | 6.208 | 4.228 | 5.008 | 20.3 | 2.87 | 2.20 | 1.63 | 1.39 | 0.929 | 1.27 | 3.52 | 13.5 | 4 |
| 5 | 6.048 | 4.208 | 5.508 | 31.3 | 2.71 | 1.91 | 1.76 | 1.18 | 0.816 | 1.23 | 4.05 | 9.96 | 5 |
| 6 | 5.788 | 4.218 | 6.408 | 75.2 | 2.46 | 1.96 | 1.67 | 1.04 | 0.799 | 1.17 | 4.84 | 7.66 | 6 |
| 7 | 5.558 | 4.258 | 7.608 | 70.2 | 2.37 | 1.84 | 2.23 | 1.07 | 0.834 | 1.22 | 4.85 | 6.29 | 7 |
| 8 | 5.338 | 4.228 | 9.608 | 36.5 | 2.18 | 1.86 | 2.60 | 1.07 | 0.834 | 1.53 | 7.87 | 5.95 | 8 |
| 9 | 5.048 | 4.188 | 15.0 B | 23.4 | 2.11 | 1.86 | 2.14 | 2.11 | 0.844 | 1.55 | 19.4 | 6.80 | 9 |
| 10 | 5.008 | 4.048 | 20.5 B | 18.6 | 2.08 | 1.85 | 1.88 | 5.22 | 0.784 | 1.52 | 16.8 | 17.7 | 10 |
| 11 | 5.238 | 4.008 | 21.0 B | 12.8 | 2.12 | 1.39 | 1.53 | 3.84 | 0.818 | 1.41 | 11.7 | 20.5 | 11 |
| 12 | 5.48 | 3.988 | 20.0 B | 10.5 | 2.18 | 1.43 | 1.44 | 2.78 | 1.05 | 1.31 | 8.67 | 17.8 | 12 |
| 13 | 5.40 | 3.948 | 18.2 B | 9.61 | 2.12 | 1.43 | 1.40 | 2.11 | 0.995 | 1.24 | 8.52 | 14.5 | 13 |
| 14 | 5.48 | 3.928 | 15.6 B | 8.61 | 2.04 | 1.32 | 1.54 | 1.98 | 0.932 | 1.22 | 5.48 | 11.7 | 14 |
| 15 | 5.15 | 3.908 | 13.3 B | 8.75 | 2.05 | 1.23 | 1.71 | 1.80 | 0.842 | 1.19 | 4.82 | 9.418 | 15 |
| 16 | 5.388 | 3.878 | 11.4 | 9.52 | 2.08 | 1.11 | 1.83 | 1.41 | 0.835 | 1.14 | 4.23 | 7.138 | 16 |
| 17 | 5.228 | 3.788 | 10.2 | 8.04 | 2.00 | 1.03 | 1.38 | 1.34 | 0.918 | 1.53 | 3.82 | 6.088 | 17 |
| 18 | 5.048 | 3.738 | 9.10 | 7.88 | 1.87 | 0.948 | 1.21 | 1.22 | 1.08 | 1.38 | 4.24 | 5.788 | 18 |
| 19 | 5.938 | 3.888 | 10.3 | 8.72 | 1.83 | 0.807 | 1.14 | 1.17 | 1.10 | 1.35 | 5.37 | 5.608 | 19 |
| 20 | 5.608 | 3.808 | 14.1 | 9.78 | 1.81 | 0.929 | 2.48 | 1.10 | 1.11 | 1.54 | 8.28 | 7.818 | 20 |
| 21 | 5.458 | 3.528 | 19.7 | 9.09 | 2.23 | 0.889 | 4.35 | 1.01 | 1.28 | 1.60 | 9.488 | 14.0 B | 21 |
| 22 | 5.048 | 3.488 | 30.4 | 6.62 | 2.21 | 3.40 | 3.22 | 0.901 | 1.26 | 1.63 | 9.008 | 15.3 B | 22 |
| 23 | 4.448 | 3.428 | 49.6 | 6.21 | 1.73 | 8.21 | 2.28 | 0.840 | 1.18 | 2.02 | 6.58 | 14.5 B | 23 |
| 24 | 4.188 | 3.408 | 74.7 | 6.21 | 2.04 | 6.50 | 1.87 | 0.795 | 1.08 | 2.38 | 6.86 | 12.5 | 24 |
| 25 | 4.048 | 3.408 | 89.3 | 3.89 | 2.14 | 2.89 | 2.33 | 0.771 | 1.00 | 3.85 | 8.82 | 20.0 | 25 |
| 26 | 4.028 | 3.418 | 87.4 | 3.89 | 2.17 | 2.15 | 2.28 | 0.748 | 0.940 | 3.89 | 8.38 | 32.3 B | 26 |
| 27 | 3.898 | 3.458 | 85.3 | 3.58 | 2.11 | 1.88 | 1.80 | 0.772 | 0.948 | 4.18 | 8.23 | 22.8 B | 27 |
| 28 | 3.868 | 3.488 | 64.2 | 4.13 | 2.03 | 1.50 | 1.48 | 0.784 | 0.844 | 5.71 | 8.92 | 14.2 B | 28 |
| 29 | 4.078 | | 30.8 | 4.52 | 1.89 | 1.38 | 1.27 | 0.838 | 0.928 | 5.88 | 16.0 | 10.9 B | 29 |
| 30 | 4.158 | | 35.3 | 4.32 | 1.72 | 1.56 | 1.11 | 0.825 | 1.13 | 5.20 | 38.8 | 9.258 | 30 |
| 31 | 4.168 | | 47.8 | | 1.68 | | 1.05 | 0.913 | | 4.48 | | 7.808 | 31 |
| TOTAL | 185.78 | 108.02 | 800.75 | 494.65 | 69.23 | 59.303 | 56.69 | 44.628 | 29.426 | 87.85 | 237.98 | 438.34 | TOTAL |
| MEAN | 5.35 | 3.86 | 25.8 | 16.5 | 2.23 | 1.98 | 1.83 | 1.44 | 0.981 | 2.18 | 7.93 | 14.1 | MEAN |
| MAX | 7.46 | 4.31 | 89.3 | 75.2 | 3.81 | 9.21 | 4.35 | 5.22 | 1.28 | 5.88 | 35.8 | 39.4 | MAX |
| MIN | 3.86 | 3.40 | 4.00 | 3.58 | 1.68 | 0.889 | 1.05 | 0.748 | 0.784 | 1.14 | 3.16 | 5.80 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.05
MAXIMUM DAILY, 89.3 ON MAR 25
MINIMUM DAILY, 0.748 ON AUG 26
MAXIMUM INSTANTANEOUS,
94.9 AT 06:17 EST ON MAR 25

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 55 N
LONG 80 59 09 W
DRAINAGE AREA, 635 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 14 300 | JUL | 4 900 |
| FEB | 9 330 | AUG | 3 850 |
| MAR | 69 200 | SEP | 2 540 |
| APR | 42 700 | OCT | 5 440 |
| MAY | 5 980 | NOV | 20 500 |
| JUN | 5 120 | DEC | 37 900 |

TOTAL DISCHARGE, 222 000 dam³

## SPANISH RIVER AT ESPANOLA - STATION NO 02CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 86.8 | 83.5 | 54.8 | 188 | 92.4 | 82.5 | 60.2 | 29.1 | 32.4 | 17.0 | 32.6 | 56.4 | 1 |
| 2 | 78.8 | 89.5 | 57.8 | 196 | 96.4 | 79.7 | 55.3 | 26.2 | 21.4 | 24.6 | 27.1 | 56.3 | 2 |
| 3 | 77.5 | 85.7 | 56.1 | 194 | 82.1 | 78.8 | 46.3 | 25.1 | 20.6 | 22.0 | 33.4 | 56.2 | 3 |
| 4 | 83.8 | 78.1 | 63.4 | 194 | 80.4 | 81.4 | 29.8 | 32.4 | 22.7 | 21.0 | 38.1 | 57.4 | 4 |
| 5 | 87.0 | 77.5 | 86.7 | 203 | 91.7 | 77.9 | 24.8 | 28.4 | 14.5 | 19.7 | 38.8 | 52.8 | 5 |
| 6 | 85.3 | 77.4 | 88.8 | 188 | 87.8 | 77.8 | 25.1 | 27.5 | 15.0 | 19.8 | 43.2 | 54.1 | 6 |
| 7 | 84.9 | 88.5 | 81.0 | 186 | 89.4 | 77.1 | 32.8 | 28.4 | 14.8 | 26.1 | 39.2 | 55.0 | 7 |
| 8 | 87.3 | 83.3 | 53.2 | 182 | 84.0 | 86.8 | 33.9 | 26.0 | 14.7 | 26.1 | 38.6 | 55.2 | 8 |
| 9 | 87.4 | 84.4 | 50.1 | 170 | 87.8 | 87.0 | 33.7 | 27.0 | 21.4 | 24.0 | 35.5 | 56.3 | 9 |
| 10 | 85.3 | 87.6 | 58.9 | 171 | 90.9 | 88.0 | 28.8 | 30.2 | 24.7 | 14.9 | 46.8 | 58.2 | 10 |
| 11 | 77.4 | 86.6 | 60.6 | 150 | 88.8 | 84.8 | 31.2 | 29.0 | 18.1 | 15.1 | 44.0 | 58.2 | 11 |
| 12 | 77.9 | 75.7 | 67.6 | 134 | 82.3 | 77.2 | 26.1 | 27.6 | 20.1 | 18.3 | 39.8 | 56.9 | 12 |
| 13 | 83.6 | 77.5 | 64.2 | 140 | 87.8 | 84.6 | 28.5 | 26.1 | 21.2 | 19.9 | 40.6 | 57.1 | 13 |
| 14 | 87.2 | 87.4 | 91.6 | 152 | 89.7 | 90.3 | 32.6 | 26.0 | 21.2 | 22.0 | 39.4 | 58.4 | 14 |
| 15 | 87.4 | 82.7 | 68.6 | 155 | 87.4 | 84.9 | 28.8 | 28.7 | 21.8 | 23.1 | 36.7 | 56.0 | 15 |
| 16 | 87.2 | 78.6 | 56.4 | 140 | 81.6 | 85.7 | 28.8 | 28.3 | 22.8 | 23.1 | 34.6 | 90.8 | 16 |
| 17 | 87.3 | 77.6 | 57.7 | 116 | 81.7 | 72.0 | 26.3 | 23.7 | 23.6 | 21.2 | 39.9 | 86.2 | 17 |
| 18 | 87.1 | 80.7 | 56.7 | 106 | 87.7 | 69.8 | 31.1 | 23.1 | 24.5 | 18.1 | 44.5 | 84.7 | 18 |
| 19 | 84.4 | 82.9 | 51.9 | 122 | 86.9 | 80.2 | 31.7 | 24.8 | 19.5 | 17.5 | 48.3 | 99.3 | 19 |
| 20 | 87.6 | 88.8 | 49.4 | 134 | 81.6 | 87.9 | 28.6 | 25.6 | 18.7 | 25.8 | 42.2 | 91.0 | 20 |
| 21 | 88.1 | 84.9 | 49.8 | 129 | 83.3 | 88.8 | 30.0 | 24.8 | 18.8 | 31.1 | 40.5 | 84.9 | 21 |
| 22 | 86.3 | 78.3 | 58.0 | 126 | 82.5 | 80.1 | 28.7 | 23.3 | 18.7 | 21.3 | 36.4 | 83.8 | 22 |
| 23 | 82.0 | 76.6 | 58.2 | 116 | 89.5 | 64.7 | 27.8 | 22.3 | 19.7 | 24.5 | 36.3 | 79.8 | 23 |
| 24 | 86.9 | 85.3 | 71.8 | 113 | 81.3 | 65.9 | 29.8 | 22.3 | 18.7 | 28.2 | 47.4 | 79.9 | 24 |
| 25 | 81.6 | 86.4 | 83.8 | 98.5 | 77.9 | 62.2 | 27.6 | 23.8 | 19.3 | 32.2 | 47.1 | 79.7 | 25 |
| 26 | 88.9 | 84.9 | 86.9 | 78.3 | 77.0 | 36.3 | 27.0 | 27.2 | 19.2 | 33.6 | 47.1 | 79.8 | 26 |
| 27 | 95.5 | 80.9 | 119 | 85.0 | 84.5 | 38.8 | 26.5 | 27.5 | 18.9 | 42.1 | 44.3 | 78.2 | 27 |
| 28 | 81.5 | 91.2 | 138 | 94.6 | 82.8 | 29.6 | 28.6 | 23.6 | 18.9 | 40.7 | 42.5 | 76.2 | 28 |
| 29 | 87.3 | | 157 | 94.6 | 88.6 | 31.7 | 28.3 | 24.7 | 18.3 | 45.1 | 43.4 | 70.7 | 29 |
| 30 | 76.9 | | 178 | 86.6 | 78.9 | 34.0 | 26.0 | 21.6 | 17.8 | 41.8 | 46.8 | 70.5 | 30 |
| 31 | 73.3 | | 182 | | 76.5 | | 27.7 | 34.7 | | 30.8 | | 71.7 | 31 |
| TOTAL | 2 597.2 | 2 215.1 | 2 332.8 | 4 253.6 | 2 197.0 | 1 813.5 | 971.7 | 811.0 | 601.8 | 798.2 | 1 213.6 | 2 271.8 | TOTAL |
| MEAN | 83.8 | 79.1 | 75.3 | 142 | 70.9 | 60.5 | 31.3 | 26.2 | 20.1 | 25.7 | 40.5 | 73.3 | MEAN |
| MAX | 86.3 | 84.6 | 182 | 203 | 87.6 | 87.0 | 60.2 | 34.7 | 32.4 | 45.1 | 47.4 | 99.3 | MAX |
| MIN | 81.6 | 83.3 | 48.6 | 78.3 | 81.6 | 29.6 | 24.8 | 21.6 | 14.5 | 14.9 | 27.1 | 52.8 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60.5
MAXIMUM DAILY, 203 ON APR 5
MINIMUM DAILY, 14.5 ON SEP 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 16 05 N
LONG 81 46 30 W
DRAINAGE AREA, 11 400 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 224 000 | JUL | 84 000 |
| FEB | 191 000 | AUG | 70 100 |
| MAR | 202 000 | SEP | 52 000 |
| APR | 368 000 | OCT | 69 000 |
| MAY | 190 000 | NOV | 105 000 |
| JUN | 157 000 | DEC | 196 000 |

TOTAL DISCHARGE, 1 910 000 dam³

DATA CONTRIBUTED BY -
EDDY FOREST PRODUCTS LIMITED

REMARKS - EXTREME HIGH WATER SPILLED FROM ONAPING LAKE INTO UPPER SPANISH RIVER

## SPANISH RIVER AT HIGH FALLS — STATION NO. 02CE004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 87.0 | 53.6 | 48.5 | 70.3 | 55.4 | 42.3 | 42.5 | 25.3 | 18.2 | 19.5 | 19.7 | 42.2 | 1 |
| 2 | 84.7 | 86.0 | 48.7 | 71.8 | 35.0 | 42.7 | 41.9 | 22.5 | 19.5 | 19.5 | 20.2 | 40.1 | 2 |
| 3 | 80.8 | 88.2 | 59.0 | 73.7 | 36.7 | 44.8 | 38.2 | 23.0 | 21.3 | 18.0 | 23.4 | 35.7 | 3 |
| 4 | 83.5 | 87.8 | 61.5 | 77.4 | 38.4 | 43.9 | 12.7 | 23.5 | 14.6 | 14.5 | 29.1 | 35.0 | 4 |
| 5 | 85.7 | 85.8 | 61.2 | 74.5 | 43.7 | 47.6 | 8.72 | 24.6 | 14.6 | 16.6 | 28.9 | 36.1 | 5 |
| 6 | 87.2 | 83.6 | 58.5 | 69.9 | 45.0 | 38.4 | 12.7 | 22.1 | 7.84 | 19.5 | 22.5 | 38.2 | 6 |
| 7 | 85.6 | 83.7 | 62.6 | 66.2 | 42.4 | 35.9 | 15.0 | 24.1 | 8.17 | 20.8 | 28.3 | 35.8 | 7 |
| 8 | 86.6 | 82.5 | 24.8 | 63.8 | 44.2 | 42.9 | 18.9 | 22.5 | 12.9 | 18.2 | 28.2 | 36.9 | 8 |
| 9 | 87.6 | 76.4 | 44.4 | 63.1 | 26.8 | 38.1 | 18.7 | 24.2 | 13.8 | 14.8 | 33.9 | 40.0 | 9 |
| 10 | 81.9 | 69.4 | 51.3 | 65.0 | 19.9 | 40.5 | 14.6 | 26.8 | 14.6 | 11.1 | 36.2 | 37.0 | 10 |
| 11 | 82.3 | 69.6 | 52.9 | 53.3 | 21.5 | 47.9 | 12.4 | 23.8 | 15.9 | 11.1 | 27.0 | 36.4 | 11 |
| 12 | 84.8 | 68.8 | 52.1 | 42.6 | 23.5 | 26.0 | 13.3 | 22.4 | 17.8 | 15.9 | 28.4 | 37.2 | 12 |
| 13 | 86.8 | 69.1 | 46.4 | 58.7 | 20.8 | 24.3 | 10.8 | 18.1 | 18.2 | 23.1 | 29.3 | 47.9 | 13 |
| 14 | 87.4 | 67.8 | 33.2 | 73.5 | 17.8 | 27.9 | 12.9 | 22.6 | 20.4 | 18.8 | 28.4 | 48.0 | 14 |
| 15 | 71.5 | 66.5 | 18.7 | 66.1 | 15.6 | 37.2 | 12.7 | 22.2 | 20.3 | 17.3 | 23.0 | 50.9 | 15 |
| 16 | 70.2 | 65.6 | 42.7 | 69.8 | 12.9 | 37.3 | 13.3 | 22.2 | 20.8 | 19.3 | 22.0 | 55.5 | 16 |
| 17 | 69.1 | 64.8 | 47.5 | 61.9 | 13.6 | 18.0 | 18.1 | 20.3 | 19.4 | 8.75 | 25.0 | 54.7 | 17 |
| 18 | 66.9 | 64.8 | 45.4 | 65.6 | 32.9 | 30.7 | 19.8 | 18.7 | 18.5 | 9.97 | 31.5 | 53.5 | 18 |
| 19 | 72.3 | 65.4 | 46.4 | 59.2 | 36.0 | 24.6 | 19.8 | 18.3 | 14.6 | 13.0 | 28.1 | 50.0 | 19 |
| 20 | 79.4 | 72.4 | 42.3 | 62.9 | 39.4 | 14.5 | 18.4 | 21.1 | 13.0 | 17.5 | 26.4 | 47.8 | 20 |
| 21 | 71.7 | 67.9 | 47.3 | 64.4 | 38.8 | 18.8 | 20.4 | 19.3 | 12.4 | 19.3 | 26.3 | 55.0 | 21 |
| 22 | 71.0 | 68.2 | 37.1 | 62.4 | 38.6 | 28.0 | 21.9 | 18.8 | 19.0 | 19.3 | 18.2 | 54.4 | 22 |
| 23 | 71.0 | 75.5 | 40.8 | 63.5 | 47.6 | 24.1 | 21.8 | 19.3 | 17.3 | 20.6 | 23.8 | 50.3 | 23 |
| 24 | 56.6 | 71.3 | 53.2 | 60.1 | 46.4 | 26.5 | 22.8 | 17.8 | 16.0 | 20.2 | 35.2 | 50.4 | 24 |
| 25 | 53.6 | 77.2 | 48.6 | 64.3 | 45.9 | 20.3 | 22.1 | 20.6 | 14.8 | 24.0 | 33.6 | 50.2 | 25 |
| 26 | 65.2 | 70.7 | 48.1 | 39.0 | 48.2 | 18.8 | 22.8 | 21.8 | 15.3 | 25.0 | 28.1 | 52.8 | 26 |
| 27 | 73.9 | 68.7 | 55.3 | 42.0 | 57.7 | 17.8 | 21.6 | 21.6 | 14.6 | 30.5 | 25.8 | 47.0 | 27 |
| 28 | 72.3 | 69.7 | 57.2 | 54.9 | 50.0 | 18.3 | 20.7 | 26.1 | 17.3 | 30.9 | 28.1 | 50.0 | 28 |
| 29 | 72.4 |  | 61.1 | 56.8 | 48.9 | 13.8 | 20.8 | 16.8 | 16.7 | 37.6 | 30.3 | 44.8 | 29 |
| 30 | 74.5 |  | 66.4 | 59.5 | 37.3 | 27.2 | 21.6 | 24.2 | 18.6 | 29.5 | 36.7 | 50.7 | 30 |
| 31 | 68.9 |  | 67.0 |  | 38.5 |  | 24.1 | 35.0 |  | 18.7 |  | 36.7 | 31 |
| TOTAL | 2 076.8 | 1 908.1 | 1 516.3 | 1 846.9 | 1 123.6 | 918.1 | 801.22 | 690.2 | 486.31 | 597.32 | 830.6 | 1 407.4 | TOTAL |
| MEAN | 67.0 | 68.1 | 48.8 | 61.6 | 36.3 | 30.6 | 19.4 | 22.3 | 16.2 | 19.3 | 27.7 | 45.4 | MEAN |
| MAX | 79.4 | 95.4 | 67.0 | 77.4 | 57.7 | 47.9 | 42.5 | 35.0 | 21.3 | 37.6 | 36.7 | 66.3 | MAX |
| MIN | 48.9 | 48.7 | 18.7 | 39.0 | 12.9 | 13.8 | 8.72 | 18.6 | 8.17 | 8.75 | 18.2 | 35.0 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.4
MAXIMUM DAILY, 95.4 ON FEB 19
MINIMUM DAILY, 8.17 ON SEP 7

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 22 50 N
LONG 81 34 07 W
DRAINAGE AREA, 5 800 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 179 000 | JUL | 51 900 |
| FEB | 165 000 | AUG | 59 800 |
| MAR | 131 000 | SEP | 42 000 |
| APR | 160 000 | OCT | 51 500 |
| MAY | 97 100 | NOV | 71 800 |
| JUN | 79 300 | DEC | 122 000 |

DATA CONTRIBUTED BY -
INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REGULATED

TOTAL DISCHARGE, 1 210 000 dam³

REMARKS - EXCLUDES ONAPING LAKE BASIN, BUT EXTREME HIGH WATER SPILLED FROM LAKE INTO SPANISH RIVER

## SPEED RIVER BELOW GUELPH - STATION NO. 02GA015

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.50 | 4.808 | 4.508 | 22.4 | 5.44 | 2.25 | 2.17 | 1.93 | 2.26 | 1.75 | 2.39 | 9.93 | 1 |
| 2 | 7.55 | 5.008 | 5.82 | 21.0 | 5.14 | 3.47 | 3.05 | 4.84 | 2.25 | 1.81 | 2.36 | 8.95 | 2 |
| 3 | 7.34A | 5.208 | 5.95 | 18.8 | 4.85 | 2.21 | 3.07 | 2.82 | 2.21 | 1.87 | 2.26 | 7.83 | 3 |
| 4 | 7.34E | 5.408 | 5.41 | 17.9 | 4.10 | 2.05 | 2.83 | 2.71 | 2.08 | 1.79 | 2.18 | 6.89 | 4 |
| 5 | 7.40E | 5.678 | 5.208 | 26.2 | 4.01 | 2.04 | 2.72 | 2.42 | 2.07 | 1.82 | 2.20 | 5.31 | 5 |
| 6 | 7.50E | 5.458 | 5.208 | 55.1 | 3.58 | 2.29 | 3.07 | 2.23 | 1.89 | 1.83 | 2.21 | 4.95 | 6 |
| 7 | 7.60E | 5.27 | 5.49 | 49.2 | 3.24 | 2.46 | 2.81 | 2.53 | 2.57 | 2.16 | 2.23 | 4.87 | 7 |
| 8 | 7.60E | 5.398 | 5.31 | 36.1 | 3.21 | 2.31 | 4.78 | 2.25 | 2.11 | 2.07 | 2.53 | 4.51 | 8 |
| 9 | 7.60A | 7.038 | 13.0 | 26.0 | 3.10 | 2.25 | 3.51 | 4.08 | 2.07 | 2.06 | 2.81 | 5.44 | 9 |
| 10 | 7.48 | 6.90 | 12.58 | 19.3 | 3.08 | 3.15 | 3.04 | 3.04 | 2.01 | 2.08 | 2.66 | 5.82 | 10 |
| 11 | 7.78 | 5.82 | 12.08 | 15.5 | 2.82 | 2.08 | 2.58 | 2.78 | 2.27 | 1.93 | 2.47 | 6.47 | 11 |
| 12 | 7.83 | 4.908 | 11.08 | 15.5 | 2.86 | 2.24 | 2.50 | 2.51 | 2.08 | 1.88 | 2.32 | 7.08 | 12 |
| 13 | 7.47 | 4.108 | 10.0 | 16.8 | 2.78 | 2.19 | 2.43 | 2.24 | 2.12 | 1.94 | 2.12 | 6.72 | 13 |
| 14 | 7.45 | 3.808 | 8.50 | 16.8 | 2.82 | 2.23 | 3.12 | 2.03 | 1.84 | 3.48 | 2.06 | 8.48 | 14 |
| 15 | 8.02 | 3.808 | 7.86 | 15.6 | 3.15 | 2.08 | 2.51 | 1.87 | 2.01 | 1.91 | 2.07 | 5.97 | 15 |
| 16 | 8.22 | 3.708 | 7.62 | 14.7 | 3.80 | 1.86 | 2.42 | 2.13 | 2.07 | 1.71 | 2.07 | 5.93 | 16 |
| 17 | 7.808 | 3.658 | 7.87 | 13.4 | 3.54 | 1.80 | 2.37 | 2.01 | 1.85 | 1.82 | 2.19 | 5.808 | 17 |
| 18 | 7.308 | 3.608 | 7.11 | 11.8 | 3.52 | 1.80 | 2.28 | 2.04 | 3.79 | 1.83 | 2.22 | 5.758 | 18 |
| 19 | 7.008 | 3.558 | 6.97 | 10.5 | 3.27 | 1.88 | 2.42 | 2.10 | 2.83 | 2.34 | 2.24 | 5.74 | 19 |
| 20 | 6.708 | 3.508 | 6.32 | 9.30 | 3.26 | 3.15 | 4.08 | 2.02 | 2.76 | 2.21 | 2.60 | 7.81 | 20 |
| 21 | 6.408 | 3.508 | 9.30 | 7.86 | 3.64 | 2.18 | 5.82 | 2.00 | 3.71 | 1.94 | 2.33 | 8.81 | 21 |
| 22 | 6.008 | 3.508 | 10.7 | 6.73 | 3.49 | 5.80 | 5.18 | 1.98 | 2.71 | 2.13 | 2.17 | 8.508 | 22 |
| 23 | 5.808 | 3.508 | 12.2 | 6.71 | 3.23 | 5.04 | 3.30 | 1.86 | 2.85 | 2.11 | 1.99 | 8.34 | 23 |
| 24 | 5.608 | 3.508 | 12.7 | 6.58 | 3.01 | 4.22 | 3.27 | 1.80 | 2.25 | 2.88 | 1.77 | 7.71 | 24 |
| 25 | 5.408 | 3.458 | 13.6 | 6.40 | 2.92 | 3.05 | 2.80 | 1.98 | 2.04 | 2.89 | 4.16 | 8.27 | 25 |
| 26 | 5.308 | 3.458 | 21.3 | 6.88 | 2.97 | 2.48 | 2.58 | 1.88 | 1.90 | 3.08 | 4.91 | 10.5 | 26 |
| 27 | 5.208 | 3.458 | 27.7 | 6.73 | 2.82 | 2.85 | 2.37 | 1.85 | 1.85 | 4.05 | 4.82 | 9.97 | 27 |
| 28 | 5.108 | 3.458 | 23.1 | 6.04 | 2.85 | 2.48 | 2.14 | 3.28 | 1.81 | 3.88 | 4.19 | 8.44 | 28 |
| 29 | 5.008 |  | 20.2 | 5.38 | 2.58 | 2.41 | 1.98 | 2.37 | 1.86 | 3.84 | 5.31 | 7.228 | 29 |
| 30 | 4.908 |  | 21.1 | 5.80 | 2.29 | 2.25 | 1.98 | 2.28 | 1.84 | 3.08 | 7.69 | 6.458 | 30 |
| 31 | 4.808 |  | 26.4 |  | 2.20 |  | 1.93 | 2.40 |  | 2.83 |  | 5.678 | 31 |
| TOTAL | 209.69 | 124.23 | 357.13 | 499.80 | 102.58 | 76.75 | 90.24 | 73.36 | 68.86 | 72.68 | 84.58 | 217.90 | TOTAL |
| MEAN | 6.76 | 4.44 | 11.5 | 16.7 | 3.31 | 2.56 | 2.91 | 2.37 | 2.29 | 2.34 | 2.82 | 7.02 | MEAN |
| MAX | 8.22 | 7.03 | 27.7 | 55.1 | 5.44 | 5.80 | 5.82 | 4.84 | 3.79 | 4.05 | 7.69 | 10.5 | MAX |
| MIN | 4.80 | 3.45 | 4.50 | 5.73 | 2.20 | 1.80 | 1.93 | 1.85 | 1.81 | 1.71 | 1.77 | 4.51 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.42
MAXIMUM DAILY, 55.1 ON APR 6
MINIMUM DAILY, 1.71 ON OCT 16
MAXIMUM INSTANTANEOUS,
55.1 AT 16:58 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 31 30 N
LONG 80 15 44 W
DRAINAGE AREA, 593 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 18 100 | JUL | 7 800 |
| FEB | 10 700 | AUG | 6 340 |
| MAR | 30 900 | SEP | 5 930 |
| APR | 43 200 | OCT | 6 280 |
| MAY | 8 880 | NOV | 7 310 |
| JUN | 6 630 | DEC | 18 800 |

TOTAL DISCHARGE, 171 000 dam³

## SPEED RIVER NEAR ARMSTRONG MILLS - STATION NO. 02EA040

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.89 | 1.238 | 1.618 | 6.96 | 1.17 E | 0.459 | 0.241 | 0.206 | 0.157 | 0.382 | 0.727 | 4.46 A | 1 |
| 2 | 1.95 | 1.228 | 1.808 | 6.13 | 1.00 E | 1.13 | 0.212 | 0.387 | 0.189 | 0.362 | 0.678 | 2.95 | 2 |
| 3 | 1.858 | 1.218 | 2.508 | 5.24 | 0.953E | 0.870 | 0.307 | 0.628 | 0.161 | 0.334 | 0.686 | 2.01 | 3 |
| 4 | 1.808 | 1.208 | 2.828 | 4.90 | 0.886E | 0.596 | 0.535 | 0.436 | 0.123 | 0.313 | 0.776 | 1.58 | 4 |
| 5 | 1.748 | 1.198 | 2.868 | 23.1 | 0.800E | 0.470 | 0.402 | 0.330 | 0.127 | 0.298 | 0.728 | 1.38 | 5 |
| 6 | 1.698 | 1.188 | 2.838 | 28.2 | 0.750E | 0.470 | 0.328 | 0.269 | 0.126 | 0.290 | 0.700 | 1.10 | 6 |
| 7 | 1.63 | 1.168 | 3.508 | 14.6 | 0.687E | 0.447 | 0.432 | 0.262 | 0.137 | 0.339 | 0.675 | 0.991 | 7 |
| 8 | 1.60 | 1.198 | 5.008 | 8.20 | 0.678E | 0.718 | 0.731 | 0.234 | 0.127 | 0.681 | 1.07 | 1.03 | 8 |
| 9 | 1.50 | 1.208 | 8.218 | 5.16 | 0.632E | 0.449 | 0.872 | 0.529 | 0.138 | 0.652 | 1.78 | 1.88 | 9 |
| 10 | 1.52 | 1.188 | 8.408 | 3.92 | 0.580E | 0.415 | 0.997 | 0.990 | 0.177 | 0.474 | 1.28 | 3.55 | 10 |
| 11 | 1.54 | 1.158 | 6.808 | 3.29 | 0.591E | 0.374 | 1.13 | 0.813 | 0.185 | 0.422 | 0.847 | 2.80 | 11 |
| 12 | 1.52 | 1.138 | 3.708 | 3.12 | 0.568E | 0.372 | 0.554 | 0.395 | 0.199 | 0.375 | 0.747 | 2.28 | 12 |
| 13 | 1.48 | 1.118 | 3.108 | 3.64 | 0.547E | 0.285 | 0.388 | 0.334 | 0.235 | 0.352 | 0.732 | 2.23 | 13 |
| 14 | 1.58 | 1.088 | 2.908 | 3.62 | 0.528E | 0.287 | 0.539 | 0.300 | 0.209 | 0.334 | 0.686 | 1.82 | 14 |
| 15 | 1.81 | 1.078 | 2.71 | 3.68 | 0.681E | 0.287 | 0.907 | 0.269 | 0.187 | 0.334 | 0.634 | 1.45 | 15 |
| 16 | 2.14 | 1.088 | 2.88 | 3.48E | 0.714E | 0.257 | 0.536 | 0.249 | 0.169 | 0.322 | 0.613 | 1.41 B | 16 |
| 17 | 2.038 | 1.058 | 2.91 | 2.88E | 0.740E | 0.228 | 0.382 | 0.233 | 0.181 | 0.323 | 0.636 | 1.36 B | 17 |
| 18 | 1.908 | 1.048 | 3.17 | 2.48E | 0.743E | 0.228 | 0.317 | 0.243 | 0.433 | 0.343 | 0.887 | 1.32 B | 18 |
| 19 | 1.808 | 1.038 | 4.06 | 2.18E | 0.748E | 0.307 | 0.281 | 0.223 | 0.500 | 0.370 | 1.02 | 1.28 | 19 |
| 20 | 1.708 | 1.038 | 6.03 | 3.03E | 0.720E | 0.187 | 7.42 | 0.187 | 0.445 | 0.384 | 0.854 | 2.31 | 20 |
| 21 | 1.818 | 1.028 | 7.89 | 1.78E | 0.728E | 0.188 | 4.93 | 0.180 | 0.526 | 0.358 | 0.7418 | 4.52 | 21 |
| 22 | 1.538 | 1.028 | 10.3 | 1.54E | 0.784E | 0.787 | 1.77 | 0.188 | 0.820 | 0.342 | 0.8208 | 3.89 | 22 |
| 23 | 1.478 | 1.018 | 12.8 | 1.47E | 0.736E | 1.32 | 1.06 | 0.180 | 0.488 | 0.724 | 0.579 | 2.77 | 23 |
| 24 | 1.418 | 1.018 | 12.1 | 1.47E | 0.870E | 0.880 | 0.675 | 0.133 | 0.368 | 1.08 | 0.759 | 2.31 | 24 |
| 25 | 1.368 | 1.018 | 11.2 | 1.31E | 0.814E | 0.448 | 0.783 | 0.130 | 0.334 | 2.06 | 1.47 | 4.83 | 25 |
| 26 | 1.328 | 1.038 | 17.0 | 1.17E | 0.882E | 0.374 | 0.521 | 0.121 | 0.294 | 1.31 | 3.82 | 4.95 | 26 |
| 27 | 1.308 | 1.068 | 11.1 | 1.17E | 0.835E | 0.348 | 0.402 | 0.145 | 0.272 | 1.87 | 2.81 | 3.44 | 27 |
| 28 | 1.288 | 1.158 | 7.43 | 1.32E | 0.672E | 0.308 | 0.328 | 0.180 | 0.284 | 2.88 | 2.11 A | 2.47 | 28 |
| 29 | 1.268 | | 5.84 | 1.40E | 0.595A | 0.295 | 0.271 | 0.185 | 0.265 | 1.61 | 3.80 E | 2.10 B | 29 |
| 30 | 1.258 | | 5.24 | 1.32E | 0.506 | 0.281 | 0.267 | 0.182 | 0.345 | 1.10 | 5.80 E | 1.90 B | 30 |
| 31 | 1.248 | | 5.45 | | 0.487 | | 0.236 | 0.184 | | 0.882 | | 1.77 B | 31 |
| TOTAL | 49.80 | 31.03 | 187.84 | 148.92 | 21.734 | 13.739 | 28.784 | 8.835 | 7.932 | 21.346 | 38.323 | 73.471 | TOTAL |
| MEAN | 1.61 | 1.11 | 6.05 | 4.96 | 0.701 | 0.458 | 0.928 | 0.288 | 0.264 | 0.689 | 1.28 | 2.37 | MEAN |
| MAX | 2.14 | 1.23 | 17.0 | 28.2 | 1.17 | 1.32 | 7.42 | 0.990 | 0.820 | 2.88 | 5.80 | 4.95 | MAX |
| MIN | 1.24 | 1.01 | 1.61 | 1.17 | 0.487 | 0.187 | 0.212 | 0.121 | 0.123 | 0.290 | 0.579 | 0.991 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.73
MAXIMUM DAILY, 28.2 ON APR 6
MINIMUM DAILY, 0.121 ON AUG 26
MAXIMUM INSTANTANEOUS,
32.2 AT 22:56 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 19 N
LONG 80 16 12 W
DRAINAGE AREA, 187 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 300 | JUL | 2 480 |
| FEB | 2 680 | AUG | 772 |
| MAR | 16 200 | SEP | 685 |
| APR | 12 800 | OCT | 1 840 |
| MAY | 1 880 | NOV | 3 310 |
| JUN | 1 190 | DEC | 6 350 |

TOTAL DISCHARGE, 54 600 dam³

## SPENCER CREEK AT DUNDAS - STATION NO. 02HB007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.28 | 1.88 B | 2.858 | 4.77 | 1.05 | 0.112 | 0.710E | 0.219E | 0.640E | 0.944 | 1.83 | 3.75 | 1 |
| 2 | 3.83 B | 2.70 B | 5.27 | 5.27 | 0.983 | 0.231 | 0.815E | 1.71 E | 0.381 | 0.820 | 0.778 | 3.19 | 2 |
| 3 | 3.24 B | 1.47 B | 3.82 | 5.09 | 0.928 | 0.336 | 0.735E | 2.70 E | 0.829 | 0.868 | 0.144 | 2.85 B | 3 |
| 4 | 1.91 B | 1.35 B | 3.18 | 5.90 | 0.839 | 0.384 | 0.890E | 1.43 E | 0.225 | 0.820 | 0.953 | 2.48 | 4 |
| 5 | 2.09 B | 1.27 B | 3.20 | 12.9 | 0.242 | 0.383 | 1.20 E | 2.40 E | 0.174 | 0.770 | 1.83 | 2.28 B | 5 |
| 6 | 3.14 B | 1.34 B | 3.75 | 16.4 | 0.183 | 0.384 | 1.37 E | 1.41 E | 0.151 | 0.898 | 0.983 | 1.95 B | 6 |
| 7 | 2.03 B | 1.38 B | 8.58 | 16.0 | 0.127 | 0.378 | 1.62 E | 1.89 E | 0.182 | 1.18 | 1.23 | 1.88 | 7 |
| 8 | 1.92 B | 1.38 B | 9.75 | 14.0 | 0.108 | 0.445 | 1.38 E | 2.50 E | 0.269 | 1.80 | 0.882 | 1.80 B | 8 |
| 9 | 1.71 B | 1.31 B | 9.84 | 11.8 | 0.130E | 0.434 | 1.27 E | 3.80 E | 1.18 | 1.97 | 1.07 | 1.55 | 9 |
| 10 | 1.59 B | 1.16 B | 6.47 | 8.75 | 0.218E | 0.375 | 1.18 E | 4.20 E | 0.443 | 1.46 | 1.10 | 1.88 | 10 |
| 11 | 1.78 B | 1.08 B | 5.37 | 5.37 | 0.123E | 0.358 | 1.22 E | 1.20 E | 0.384 | 1.04 | 1.08 | 2.04 B | 11 |
| 12 | 1.89 | 1.03 B | 4.96 | 4.96 | 0.174 | 0.368 | 1.27 E | 1.15 E | 0.340 | 0.918 | 0.987 | 2.08 | 12 |
| 13 | 1.86 | 0.985B | 3.86 | 5.31 | 0.271 | 0.387 | 1.36 E | 1.05 E | 0.405 | 1.21 | 0.979 | 2.11 | 13 |
| 14 | 1.87 | 0.950B | 3.36 | 5.35 | 0.271 | 0.335 | 3.17 E | 0.845E | 0.695 | 3.48 | 0.908 | 2.00 | 14 |
| 15 | 2.80 | 0.930B | 3.09 | 4.55 | 0.287 | 0.287 | 2.92 E | 0.868E | 0.886 | 1.20 | 0.789 | 2.88 | 15 |
| 16 | 2.29 B | 0.910B | 3.04 | 4.01 | 0.302E | 0.248 | 2.30 E | 0.885E | 0.919 | 0.928 | 0.687 | 3.74 | 16 |
| 17 | 1.88 B | 0.900B | 2.92 | 3.83 | 0.294E | 0.248 | 0.900E | 0.578E | 0.936 | 0.516 | 0.722 | 0.914 | 17 |
| 18 | 1.86 B | 0.885B | 2.63 | 3.19 | 0.265E | 0.223 | 0.540E | 0.480E | 1.00 | 0.532 | 0.868 | 0.887 | 18 |
| 19 | 1.48 B | 0.870B | 2.87 | 2.77 | 0.427E | 0.199 | 0.381E | 0.300E | 0.881 | 0.550 | 0.978 | 0.928 | 19 |
| 20 | 1.37 B | 0.855B | 2.89 | 2.48 | 0.273E | 0.189 | 1.76 E | 0.260E | 0.895 | 0.553 | 1.01 B | 1.08 | 20 |
| 21 | 1.30 B | 0.845B | 2.84 | 2.30 | 0.333E | 0.188 | 3.30 E | 0.244E | 1.17 | 0.582 | 0.8758 | 1.91 | 21 |
| 22 | 1.26 B | 0.840B | 2.86 | 1.91 | 0.402E | 1.13 | 0.810E | 0.232E | 2.11 | 0.618 | 0.7408 | 2.81 | 22 |
| 23 | 1.22 B | 0.840B | 2.95 | 1.74 | 0.465E | 1.83 | 0.865E | 0.217E | 1.44 | 0.684 | 0.5808 | 3.48 | 23 |
| 24 | 1.17 B | 0.855B | 2.96 | 1.62 | 0.537E | 1.98 | 0.485E | 0.203E | 1.47 | 1.01 | 0.748 | 4.04 | 24 |
| 25 | 0.940B | 0.895B | 3.26 | 1.53 | 0.595E | 2.46 | 0.880E | 0.193E | 1.19 | 1.24 | 1.30 | 4.45 | 25 |
| 26 | 1.38 B | 0.905B | 4.09 | 1.44 | 0.700E | 2.82 | 1.75 E | 0.208E | 1.11 | 1.36 | 3.52 | 4.82 | 26 |
| 27 | 3.70 B | 0.910B | 3.94 | 1.32 | 0.685E | 1.72 | 1.34 E | 0.218E | 1.03 | 0.860 | 3.24 | 3.48 B | 27 |
| 28 | 3.00 B | 0.935B | 3.73 | 1.24 | 0.670E | 1.39 E | 0.580E | 0.231E | 1.02 | 0.859 | 2.80 | 2.75 B | 28 |
| 29 | 2.55 B | | 3.37 | 1.21 | 0.363E | 0.850E | 0.545E | 0.275E | 0.969 | 1.22 | 3.36 | 2.30 B | 29 |
| 30 | 2.15 B | | 3.57 | 1.10 | 0.109 | 0.845E | 0.428E | 0.250P | 1.18 | 1.69 | 4.13 | 1.80 B | 30 |
| 31 | 1.88 B | | 5.36 | | 0.083 | | 0.329E | 0.268E | | 1.94 | | 1.54 B | 31 |
| TOTAL | 61.200 | 31.450 | 128.15 | 158.91 | 12.406 | 21.549 | 37.893 | 32.017 | 24.884 | 34.138 | 40.889 | 74.918 | TOTAL |
| MEAN | 1.97 | 1.12 | 4.13 | 5.30 | 0.400 | 0.718 | 1.22 | 1.03 | 0.823 | 1.10 | 1.36 | 2.42 | MEAN |
| MAX | 3.70 | 2.70 | 9.75 | 16.4 | 1.05 | 2.82 | 3.30 | 4.20 | 2.11 | 3.48 | 4.13 | 4.82 | MAX |
| MIN | 0.940 | 0.840 | 2.88 | 1.10 | 0.083 | 0.112 | 0.329 | 0.193 | 0.151 | 0.516 | 0.144 | 0.887 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 16.4 ON APR 6
MINIMUM DAILY, 0.083 ON MAY 31
MAXIMUM INSTANTANEOUS,
17.3 AT 21:16 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 55 N
LONG 79 57 48 W
DRAINAGE AREA 169 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 280 | JUL | 3 270 |
| FEB | 3 720 | AUG | 2 770 |
| MAR | 11 100 | SEP | 2 130 |
| APR | 13 700 | OCT | 2 950 |
| MAY | 1 070 | NOV | 3 520 |
| JUN | 1 880 | DEC | 6 470 |

TOTAL DISCHARGE, 56 900 dam³

## SPENCER CREEK AT HIGHWAY NO 5 - STATION NO 02HB023

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 3.008 | 3.708 | 1.04 | 0.665 | 0.454 | 0.120 | 0.293 | 0.910 | 1.32 | 3.55 | 1 |
| 2 | --- | --- | 5.558 | 4.31 | 0.969 | 0.580 | 0.331 | 0.540 | 0.333 | 0.871 | 1.18 | 3.15 | 2 |
| 3 | --- | --- | 4.508 | 4.25 | 0.881 | 0.559 | 0.330 | 1.30 | 0.305 | 0.847 | 1.02 | 2.79 | 3 |
| 4 | --- | --- | 3.838 | 4.93 | 0.814 | 0.536 | 0.744 | 1.28 | 0.234 | 0.813 | 0.972 | 2.51 | 4 |
| 5 | --- | --- | 3.028 | 15.2 | 0.743 | 0.487 | 1.06 | 1.29 | 0.179 | 0.706 | 0.903 | 2.25 | 5 |
| 6 | --- | --- | 3.885 | 15.4 | 0.716 | 0.433 | 1.26 | 1.25 | 0.170 | 0.585 | 0.855 | 1.918 | 6 |
| 7 | --- | --- | 5.908 | 12.3 | 0.672 | 0.365 | 1.40 | 1.30 | 0.143 | 0.585 | 0.900 | 1.888 | 7 |
| 8 | --- | --- | 7.41 | 9.26 | 0.644 | 0.310 | 1.32 | 1.51 | 0.219 | 0.730 | 0.991 | 1.598 | 8 |
| 9 | --- | --- | 7.058 | 7.36 | 0.645 | 0.278 | 1.20 | 2.50 | 0.234 | 0.724 | 1.10 | 1.81 | 9 |
| 10 | --- | --- | 5.958 | 5.96 | 0.582 | 0.277 | 1.08 | 2.88 | 0.203 | 0.658 | 1.14 | 1.97 | 10 |
| 11 | --- | --- | 5.058 | 4.86 | 0.515 | 0.231 | 1.08 | 2.00 | 0.225 | 0.639 | 1.07 | 1.88 | 11 |
| 12 | --- | 0.8988 | 4.058 | 4.50 | 0.448 | 0.226 | 1.15 | 1.58 | 0.324 | 0.586 | 1.02 | 1.96 | 12 |
| 13 | --- | 0.9708 | 3.328 | 5.57 | 0.458 | 0.097 | 1.23 | 1.29 | 0.737 | 0.533 | 0.959 | 1.99 | 13 |
| 14 | --- | 0.9358 | 2.818 | 4.83 | 0.440 | 0.230 | 1.54 | 1.01 | 1.20 | 0.485 | 0.820 | 1.86 | 14 |
| 15 | --- | 0.9108 | 2.668 | 4.23 | 0.692 | 0.1508 | 1.45 | 0.781 | 1.13 | 0.481 | 0.882 | 2.19 | 15 |
| 16 | --- | 0.9008 | 2.278 | 3.91 | 0.685 | 0.1328 | 1.19 | 0.807 | 1.03 | 0.402 | 0.586 | 2.158 | 16 |
| 17 | --- | 0.8758 | 2.138 | 3.48 | 0.649 | 0.110E | 1.04 | 0.472 | 0.882 | 0.382 | 0.551 | 3.008 | 17 |
| 18 | --- | 0.8558 | 2.058 | 3.18 | 0.634 | 0.1088 | 0.882 | 0.371 | 1.01 | 0.389 | 0.834 | 2.858 | 18 |
| 19 | --- | 0.8408 | 2.208 | 2.88 | 0.698 | 0.105E | 0.840 | 0.281 | 1.01 | 0.385 | 1.05 | 2.63 | 19 |
| 20 | --- | 0.8308 | 2.35 | 2.58 | 0.854 | 0.100E | 1.62 | 0.235 | 1.06 | 0.400 | 1.01 | 4.38 | 20 |
| 21 | --- | 0.8258 | 2.36 | 2.30 | 0.881 | 0.090E | 1.14 | 0.200 | 1.22 | 0.413 | 0.8508 | 5.98 | 21 |
| 22 | --- | 0.8208 | 2.36 | 2.04 | 0.891 | 1.15 | 0.976 | 0.173 | 1.61 | 0.508 | 0.7308 | 5.59 | 22 |
| 23 | --- | 0.8158 | 2.40 | 1.84 | 0.862 | 2.20 | 0.815 | 0.118 | 1.58 | 0.807 | 0.576 | 4.75 | 23 |
| 24 | --- | 0.8308 | 2.46 | 1.67 | 0.877 | 2.17 | 0.672 | 0.100 | 1.38 | 1.01 | 0.606 | 4.46 | 24 |
| 25 | --- | 0.8558 | 2.87 | 1.55 | 0.707 | 2.15 | 0.808 | 0.081 | 1.19 | 1.34 | 1.82 | 4.76 | 25 |
| 26 | --- | 0.8908 | 3.25 | 1.42 | 0.705 | 1.85 | 0.874 | 0.092 | 1.06 | 1.45 | 3.32 | 4.72 | 26 |
| 27 | --- | 0.9008 | 3.26 | 1.38 | 0.693 | 1.57 | 0.764 | 0.182 | 1.00 | 1.67 | 3.00 | 3.388 | 27 |
| 28 | --- | 0.9058 | 3.08 | 1.33 | 0.673 | 1.26 | 0.639 | 0.214 | 0.978 | 1.86 | 2.89 | 2.728 | 28 |
| 29 | --- | | 2.80 | 1.20 | 0.588 | 0.885 | 0.525 | 0.255 | 0.884 | 1.76 | 3.19 | 2.258 | 29 |
| 30 | --- | | 3.21 | 1.10 | 0.583 | 0.615 | 0.415 | 0.234 | 0.970 | 1.83 | 3.78 | 1.788 | 30 |
| 31 | --- | | 4.07 | | 0.886 | | 0.341 | 0.242 | | 1.49 | | 1.378 | 31 |
| TOTAL | --- | --- | 110.81 | 138.32 | 20.805 | 19.929 | 28.981 | 24.479 | 22.849 | 28.041 | 39.311 | 91.79 | TOTAL |
| MEAN | --- | --- | 3.57 | 4.61 | 0.671 | 0.664 | 0.934 | 0.790 | 0.762 | 0.840 | 1.31 | 2.96 | MEAN |
| MAX | --- | --- | 7.41 | 15.4 | 1.04 | 2.20 | 1.62 | 2.88 | 1.58 | 1.86 | 3.78 | 5.98 | MAX |
| MIN | --- | --- | 2.05 | 1.10 | 0.440 | 0.090 | 0.330 | 0.081 | 0.143 | 0.382 | 0.551 | 1.37 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 15.4 ON APR 5
MINIMUM DAILY, 0.081 ON AUG 25
MAXIMUM INSTANTANEOUS,
16.1 AT 19:12 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 18 58 N
LONG 80 03 09 W
DRAINAGE AREA, 132 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 2 500 |
| FEB | --- | AUG | 2 110 |
| MAR | 9 570 | SEP | 1 970 |
| APR | 12 000 | OCT | 2 250 |
| MAY | 1 800 | NOV | 3 400 |
| JUN | 1 720 | DEC | 7 930 |

REMARKS - STATION ACTIVATED FEB 12 1987

## SPENCER CREEK NEAR WESTOVER - STATION NO 02HB015

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.25 | 0.4228 | 0.7008 | 1.33 B | 0.403 | 0.316 | 0.264 | 0.190 | 0.197 | 0.528 | 0.633 | 1.25 | 1 |
| 2 | 1.05 B | 0.4278 | 1.13 B | 1.32 B | 0.381 | 0.272 | 0.232 | 0.382 | 0.219 | 0.826 | 0.585 | 1.15 | 2 |
| 3 | 0.8558 | 0.4258 | 1.03 B | 1.47 B | 0.360 | 0.277 | 0.285 | 0.820 | 0.177 | 0.673 | 0.516 | 1.05 | 3 |
| 4 | 0.7468 | 0.4158 | 0.9258 | 1.88 | 0.314 | 0.309 | 0.985 | 1.05 | 0.138 | 0.477 | 0.500 | 0.8908 | 4 |
| 5 | 0.6968 | 0.4108 | 0.7858 | 2.36 | 0.287 | 0.285 | 1.35 | 1.04 | 0.122 | 0.376 | 0.488 | 0.7858 | 5 |
| 6 | 0.6708 | 0.4148 | 1.04 B | 3.17 | 0.277 | 0.241 | 1.24 | 1.02 | 0.115 | 0.329 | 0.526 | 0.6708 | 6 |
| 7 | 0.6738 | 0.4238 | 1.25 B | 3.89 | 0.271 | 0.215 | 1.05 | 0.828 | 0.123 | 0.340 | 0.858 | 0.6008 | 7 |
| 8 | 0.6788 | 0.4388 | 1.48 B | 3.77 | 0.310 | 0.197 | 0.909 | 0.686 | 0.131 | 0.387 | 0.733 | 0.6308 | 8 |
| 9 | 0.6888 | 0.4388 | 2.00 B | 3.11 | 0.281 | 0.184 | 0.887 | 0.700 | 0.129 | 0.413 | 0.726 | 0.660 | 9 |
| 10 | 0.6468 | 0.4328 | 2.52 B | 2.43 | 0.247 | 0.175 | 0.828 | 0.840 | 0.133 | 0.401 | 0.678 | 0.767 | 10 |
| 11 | 0.6308 | 0.4288 | 1.88 B | 2.03 | 0.242 | 0.158 | 1.14 | 0.871 | 0.145 | 0.381 | 0.630 | 0.805 | 11 |
| 12 | 0.6188 | 0.4148 | 1.55 B | 1.90 | 0.245 | 0.088 | 1.19 | 0.776 | 0.261 | 0.344 | 0.559 | 0.874 | 12 |
| 13 | 0.6058 | 0.4078 | 1.34 B | 1.92 | 0.227 | 0.161 | 1.03 | 0.633 | 0.702 | 0.332 | 0.457 | 0.884 | 13 |
| 14 | 0.6128 | 0.3988 | 1.21 B | 1.83 | 0.204 | 0.147 | 0.861 | 0.489 | 0.827 | 0.297 | 0.377 | 0.813 | 14 |
| 15 | 0.6508 | 0.3888 | 1.12 B | 1.68 | 0.282 | 0.118 | 0.898 | 0.408 | 0.780 | 0.284 | 0.312 | 0.7058 | 15 |
| 16 | 0.6548 | 0.3788 | 1.03 B | 1.58 | 0.347 | 0.088 | 0.821 | 0.324 | 0.676 | 0.251 | 0.281 | 0.7508 | 15 |
| 17 | 0.6458 | 0.3658 | 0.9908 | 1.46 | 0.289 | 0.079 | 0.892 | 0.271 | 0.576 | 0.230 | 0.298 | 0.8808 | 17 |
| 18 | 0.6158 | 0.3598 | 0.9858 | 1.32 | 0.287 | 0.078 | 0.539 | 0.232 | 0.587 | 0.263 | 0.456 | 0.8008 | 18 |
| 19 | 0.5908 | 0.3548 | 0.9528 | 1.17 | 0.290 | 0.075 | 0.418 | 0.206 | 0.636 | 0.276 | 0.501 | 0.879 | 19 |
| 20 | 0.5708 | 0.3508 | 0.9888 | 1.04 | 0.294 | 0.072 | 0.574 | 0.190 | 0.771 | 0.282 | 0.474 | 1.19 | 20 |
| 21 | 0.5478 | 0.3448 | 1.00 B | 0.918 | 0.303 | 0.065 | 0.668 | 0.169 | 0.932 | 0.287 | 0.381 | 1.45 | 21 |
| 22 | 0.5308 | 0.3418 | 1.01 B | 0.809 | 0.307 | 0.831 | 0.599 | 0.126 | 0.988 | 0.283 | 0.297 | 1.58 | 22 |
| 23 | 0.5108 | 0.3398 | 1.01 B | 0.729 | 0.319 | 1.53 | 0.480 | 0.123 | 0.905 | 0.640 | 0.242 | 1.74 | 23 |
| 24 | 0.4958 | 0.3418 | 1.04 B | 0.657 | 0.356 | 1.52 | 0.408 | 0.116 | 0.847 | 0.871 | 0.284 | 1.86 | 24 |
| 25 | 0.4878 | 0.3478 | 1.18 B | 0.590 | 0.358 | 1.28 | 0.509 | 0.111 | 0.782 | 0.990 | 0.557 | 1.84 | 25 |
| 26 | 0.4728 | 0.3598 | 1.72 B | 0.545 | 0.344 | 1.11 | 0.568 | 0.113 | 0.725 | 0.898 | 0.930 | 1.80 B | 26 |
| 27 | 0.4628 | 0.3658 | 1.58 B | 0.487 | 0.335 | 0.857 | 0.510 | 0.152 | 0.719 | 0.936 | 1.12 | 1.35 B | 27 |
| 28 | 0.4508 | 0.3688 | 1.60 B | 0.463 | 0.295 | 0.573 | 0.443 | 0.141 | 0.712 | 0.990 | 1.18 | 0.9258 | 28 |
| 29 | 0.4408 | | 1.43 B | 0.465 | 0.281 | 0.419 | 0.383 | 0.176 | 0.684 | 0.898 | 1.32 | 0.7708 | 29 |
| 30 | 0.4308 | | 1.34 B | 0.439 | 0.276 | 0.330 | 0.304 | 0.162 | 0.698 | 0.800 | 1.40 | 0.6358 | 30 |
| 31 | 0.4278 | | 1.29 B | | 0.295 | | 0.187 | 0.171 | | 0.722 | | 0.5208 | 31 |
| TOTAL | 19.371 | 10.883 | 38.015 | 46.962 | 9.283 | 12.034 | 21.502 | 13.492 | 15.317 | 15.885 | 18.035 | 31.372 | TOTAL |
| MEAN | 0.625 | 0.389 | 1.26 | 1.55 | 0.299 | 0.401 | 0.894 | 0.435 | 0.511 | 0.512 | 0.601 | 1.01 | MEAN |
| MAX | 1.25 | 0.438 | 2.52 | 3.89 | 0.403 | 1.53 | 1.38 | 1.05 | 0.988 | 0.990 | 1.40 | 1.84 | MAX |
| MIN | 0.427 | 0.339 | 0.700 | 0.439 | 0.204 | 0.065 | 0.187 | 0.111 | 0.118 | 0.230 | 0.242 | 0.520 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.692
MAXIMUM DAILY, 3.89 ON APR 7
MINIMUM DAILY, 0.065 ON JUN 21
MAXIMUM INSTANTANEOUS,
4.13 AT 15:49 EST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 10 N
LONG 80 04 40 W
DRAINAGE AREA, 83.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 670 | JUL | 1 860 |
| FEB | 940 | AUG | 1 170 |
| MAR | 3 370 | SEP | 1 320 |
| APR | 4 020 | OCT | 1 370 |
| MAY | 802 | NOV | 1 550 |
| JUN | 1 040 | DEC | 2 710 |

TOTAL DISCHARGE, 21 800 dam³

## ST CLAIR RIVER AT POINT EDWARD - STATION NO 02GG010

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 176.73 | 176.83 | 176.48 | 176.52 | 176.60 | 176.57 | 176.61 | 176.50 | 176.51 | 176.37 | 176.26 | 176.26 | 1 |
| 2 | 176.74 | 176.87 | 176.62 | 176.53 | 176.59 | 176.55 | 176.59 | 176.52 | 176.50 | 176.47 | 176.21 | 176.33 | 2 |
| 3 | 176.75 | 176.88 | 176.71 | 176.61 | 176.59 | 176.60 | 176.59 | 176.53 | 176.48 | 176.46 | 176.26 | 176.33 | 3 |
| 4 | 176.72 | 176.73 | 176.63 | 176.60 | 176.53 | 176.60 | 176.61 | 176.54 | 176.45 | 176.39 | 176.29 | 176.28 | 4 |
| 5 | 176.70 | 176.65 | 176.56 | 176.73 | 176.58 | 176.59 | 176.56 | 176.55 | 176.43 | 176.33 | 176.39 | 176.29 | 5 |
| 6 | 176.64 | 176.65 | 176.57 | 176.67 | 176.59 | 176.58 | 176.57 | 176.52 | 176.40 | 176.35 | 176.34 | 176.23 | 6 |
| 7 | 176.75 | 176.64 | 176.58 | 176.66 | 176.60 | 176.54 | 176.56 | 176.52 | 176.43 | 176.38 | 176.30 | 176.18 | 7 |
| 8 | 176.72 | 176.65 | 176.63 | 176.63 | 176.58 | 176.58 | 176.57 | --- | 176.45 | 176.40 | 176.28 | --- | 8 |
| 9 | 176.71 | 176.70 | 176.77 | 176.60 | 176.57 | 176.60 | 176.57 | 176.50 | 176.46 | 176.30 | 176.32 | --- | 9 |
| 10 | 176.70 | 176.72 | 176.81 | 176.59 | 176.60 | 176.56 | 176.56 | 176.53 | 176.44 | 176.40 | 176.33 | 176.23 | 10 |
| 11 | 176.71 | 176.64 | 176.63 | 176.66 | 176.58 | 176.50 | 176.57 | 176.51 | 176.41 | 176.34 | 176.26 | 176.17 | 11 |
| 12 | 176.77 | 176.66 | 176.67 | 176.59 | 176.62 | 176.61 | 176.57 | 176.49 | 176.43 | 176.34 | 176.27 | 176.18 | 12 |
| 13 | 176.66 | 176.70 | 176.68 | 176.60 | 176.58 | 176.55 | 176.63 | 176.49 | 176.44 | 176.28 | 176.24 | 176.23 | 13 |
| 14 | 176.66 | 176.66 | 176.66 | 176.59 | 176.58 | 176.59 | 176.67 | 176.48 | 176.44 | 176.27 | 176.25 | 176.23 | 14 |
| 15 | 176.73 | 176.63 | 176.74 | 176.58 | 176.61 | 176.62 | 176.62 | 176.46 | 176.42 | 176.30 | 176.19 | 176.19 | 15 |
| 16 | 176.74 | 176.61 | 176.63 | 176.59 | 176.65 | 176.61 | 176.59 | 176.51 | 176.41 | 176.24 | 176.14 | --- | 16 |
| 17 | 176.66 | 176.76 | 176.64 | 176.69 | 176.57 | 176.59 | 176.55 | 176.55 | 176.38 | 176.25 | 176.12 | 176.32 | 17 |
| 18 | 176.69 | 176.76 | 176.60 | 176.60 | 176.58 | 176.56 | 176.57 | 176.56 | 176.39 | 176.31 | 176.24 | 176.20 | 18 |
| 19 | 176.74 | 176.73 | 176.73 | 176.58 | 176.54 | 176.59 | 176.54 | 176.56 | 176.40 | 176.31 | 176.23 | 176.23 | 19 |
| 20 | 176.84 | 176.88 | 176.85 | 176.67 | 176.57 | 176.57 | 176.58 | 176.55 | 176.40 | 176.35 | 176.37 | 176.15 | 20 |
| 21 | 176.66 | 176.64 | 176.62 | 176.62 | 176.54 | 176.58 | 176.53 | 176.49 | 176.40 | 176.30 | 176.31 | 176.25 | 21 |
| 22 | 176.64 | 176.59 | 176.62 | 176.59 | 176.57 | 176.64 | 176.58 | 176.60 | 176.42 | 176.28 | 176.14 | 176.25 | 22 |
| 23 | 176.77 | 176.69 | 176.63 | 176.61 | 176.59 | 176.61 | 176.58 | 176.61 | 176.43 | 176.27 | 176.11 | 176.24 | 23 |
| 24 | 176.77 | 176.58 | 176.62 | 176.65 | 176.58 | 176.59 | 176.58 | 176.57 | 176.48 | 176.32 | 176.23 | 176.19 | 24 |
| 25 | 176.81 | 176.58 | 176.51 | 176.60 | 176.58 | 176.58 | 176.58 | 176.54 | 176.45 | 176.33 | 176.25 | 176.28 | 25 |
| 26 | 176.75 | 176.57 | 176.64 | 176.59 | 176.55 | 176.61 | 176.61 | 176.50 | 176.44 | 176.25 | 176.24 | 176.29 | 26 |
| 27 | 176.67 | 176.55 | 176.59 | 176.60 | 176.57 | 176.63 | 176.59 | 176.52 | 176.37 | 176.28 | 176.21 | 176.28 | 27 |
| 28 | 176.71 | 176.62 | 176.58 | 176.65 | 176.57 | 176.61 | 176.58 | 176.52 | 176.38 | 176.32 | 176.18 | 176.25 | 28 |
| 29 | 176.68 | | 176.56 | 176.64 | 176.57 | 176.58 | 176.56 | 176.48 | 176.40 | 176.30 | 176.13 | 176.36 | 29 |
| 30 | 176.67 | | 176.63 | 176.65 | 176.57 | 176.62 | 176.57 | 176.46 | 176.50 | 176.29 | 176.18 | 176.20 | 30 |
| 31 | 176.77 | | 176.71 | | 176.58 | | 176.53 | 176.53 | | 176.30 | | 176.17 | 31 |
| MEAN | 176.71 | 176.68 | 176.63 | 176.61 | 176.58 | 176.58 | 176.58 | --- | 176.43 | 176.32 | 176.24 | --- | MEAN |
| MAX | 176.81 | 176.95 | 176.84 | 176.80 | 176.62 | 176.64 | 176.67 | --- | 176.51 | 176.47 | 176.38 | --- | MAX |
| MIN | 176.64 | 176.52 | 176.48 | 176.52 | 176.54 | 176.50 | 176.53 | --- | 176.37 | 176.24 | 176.11 | --- | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 176.95 ON FEB 8
MINIMUM DAILY, 176.11 ON NOV 23
MAXIMUM INSTANTANEOUS,
177.49 AT 13:50 EST ON FEB 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 59 27 N
LONG 82 25 17 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11940 POINT EDWARD

## ST CLAIR RIVER AT PORT LAMBTON - STATION NO 02GG011

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 175.78 | 175.80 | 175.65 | 175.69 | 175.67 | 175.67 | 175.68 | 175.63 | 175.60 | 175.52 | 175.37 | 175.33 | 1 |
| 2 | 175.78 | 175.80 | 175.73 | 175.68 | 175.67 | 175.68 | 175.69 | 175.64 | 175.58 | 175.51 | 175.37 | 175.35 | 2 |
| 3 | 175.80 | 175.83 | 175.74 | 175.65 | 175.66 | 175.68 | 175.71 | --- | 175.58 | 175.47 | 175.38 | 175.34 | 3 |
| 4 | 175.78 | 175.78 | 175.73 | 175.61 | 175.67 | 175.66 | 175.70 | --- | 175.57 | 175.46 | 175.39 | 175.33 | 4 |
| 5 | 175.78 | 175.76 | 175.71 | 175.69 | 175.67 | 175.68 | 175.69 | 175.62 | 175.57 | 175.49 | 175.39 | 175.35 | 5 |
| 6 | 175.78 | 175.74 | 175.70 | 175.73 | 175.67 | 175.67 | 175.70 | 175.63 | 175.58 | 175.48 | 175.39 | 175.33 | 6 |
| 7 | 175.78 | 175.72 | 175.69 | 175.75 | 175.66 | 175.68 | 175.70 | 175.63 | 175.55 | 175.45 | 175.37 | 175.32 | 7 |
| 8 | 175.78 | 175.77 | 175.69 | 175.75 | 175.68 | 175.67 | 175.69 | 175.62 | 175.58 | 175.45 | 175.38 | 175.30 | 8 |
| 9 | 175.78 | 175.75 | 175.64 | 175.74 | 175.67 | 175.66 | 175.68 | 175.63 | 175.55 | 175.46 | 175.34 | 175.35 | 9 |
| 10 | 175.78 | 175.82 | 175.71 | 175.73 | 175.67 | 175.67 | 175.69 | --- | 175.54 | 175.43 | 175.35 | 175.33 | 10 |
| 11 | 175.80 | 175.84 | 175.82 | 175.72 | 175.67 | 175.67 | 175.69 | --- | 175.54 | 175.43 | 175.35 | 175.34 | 11 |
| 12 | 175.78 | 175.82 | 176.08 | 175.71 | 175.64 | 175.67 | 175.69 | --- | 175.58 | 175.44 | 175.37 | 175.37 | 12 |
| 13 | 175.76 | 175.85 | 176.03 | 175.70 | 175.66 | 175.66 | 175.69 | 175.62 | 175.56 | 175.43 | 175.34 | 175.34 | 13 |
| 14 | 175.76 | 175.89 | 176.02 | 175.70 | 175.66 | 175.67 | 175.69 | 175.62 | 175.56 | 175.43 | 175.31 | 175.31 | 14 |
| 15 | 175.78 | 176.05 | 176.18 | 175.70 | 175.66 | 175.65 | 175.69 | 175.62 | 175.58 | 175.40 | 175.30 | 175.47 | 15 |
| 16 | 175.78 | 175.93 | 175.71 | 175.71 | 175.65 | 175.65 | 175.69 | 175.63 | 175.54 | 175.39 | 175.28 | 175.40 | 16 |
| 17 | 175.77 | 175.81 | 175.64 | 175.71 | 175.66 | 175.68 | 175.68 | 175.62 | 175.55 | 175.41 | 175.31 | 175.37 | 17 |
| 18 | 175.78 | 175.81 | 175.80 | 175.71 | 175.65 | 175.65 | 175.68 | 175.62 | 175.55 | 175.40 | 175.35 | 175.39 | 18 |
| 19 | 175.77 | 175.82 | 175.88 | 175.69 | 175.65 | 175.65 | 175.67 | 175.62 | 175.55 | 175.38 | 175.35 | 175.38 | 19 |
| 20 | 175.84 | 175.88 | 175.84 | 175.68 | 175.66 | 175.66 | 175.68 | 175.61 | 175.55 | 175.39 | 175.30 | 175.40 | 20 |
| 21 | 175.82 | 175.86 | 175.45 | 175.66 | 175.65 | 175.67 | 175.67 | 175.62 | 175.54 | 175.40 | 175.30 | 175.42 | 21 |
| 22 | 175.78 | 175.88 | 175.48 | 175.68 | 175.66 | 175.71 | 175.67 | 175.64 | 175.53 | 175.42 | 175.30 | 175.40 | 22 |
| 23 | 175.82 | 175.78 | 175.52 | 175.69 | 175.65 | 175.70 | 175.67 | 175.64 | 175.55 | 175.38 | 175.29 | 175.38 | 23 |
| 24 | 175.88 | 175.85 | 175.58 | 175.65 | 175.65 | 175.69 | 175.67 | 175.62 | 175.54 | 175.39 | 175.28 | 175.37 | 24 |
| 25 | 176.07 | 175.83 | 175.59 | 175.67 | 175.68 | 175.68 | 175.68 | 175.62 | 175.53 | 175.39 | 175.30 | 175.37 | 25 |
| 26 | 176.10 | 175.83 | 175.61 | 175.66 | 175.65 | 175.68 | 175.68 | 175.60 | 175.54 | 175.38 | 175.32 | 175.38 | 26 |
| 27 | 175.98 | 175.83 | 175.60 | 175.67 | 175.65 | 175.69 | 175.67 | 175.62 | 175.51 | 175.40 | 175.33 | 175.38 | 27 |
| 28 | 175.98 | 175.84 | 175.61 | 175.69 | 175.65 | 175.68 | 175.67 | 175.63 | 175.50 | 175.40 | 175.33 | 175.35 | 28 |
| 29 | 175.84 | | 175.61 | 175.69 | 175.65 | 175.68 | 175.65 | 175.63 | 175.51 | 175.38 | 175.35 | 175.38 | 29 |
| 30 | 175.91 | | 175.63 | 175.68 | 175.68 | 175.68 | 175.65 | 175.63 | 175.51 | 175.40 | 175.38 | 175.39 | 30 |
| 31 | 175.92 | | 175.67 | | 175.67 | | 175.63 | 175.61 | | 175.38 | | 175.41 | 31 |
| MEAN | 175.84 | 175.82 | 175.73 | 175.69 | 175.66 | 175.67 | 175.68 | --- | 175.55 | 175.43 | 175.34 | 175.37 | MEAN |
| MAX | 176.10 | 176.05 | 176.18 | 175.75 | 175.67 | 175.71 | 175.71 | --- | 175.60 | 175.52 | 175.39 | 175.47 | MAX |
| MIN | 175.76 | 175.63 | 175.45 | 175.61 | 175.64 | 175.65 | 175.63 | --- | 175.50 | 175.38 | 175.28 | 175.30 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 176.19 ON MAR 15
MINIMUM DAILY, 175.28 ON NOV 16
MAXIMUM INSTANTANEOUS,
176.34 AT 6:18 EST ON MAR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 39 33 N
LONG 82 30 25 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11950 PORT LAMBTON

## ST LAWRENCE RIVER AT BROCKVILLE - STATION NO 02MB007

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 74.40 | 74.85 | 74.78 | 74.60 | 74.52 | 74.35 | 74.23 | 74.13 | 74.02 | 74.12 | 1 |
| 2 | --- | --- | 74.86 | 74.87 | 74.71 | 74.58 | 74.46 | 74.35 | 74.19 | 74.19 | 73.98 | 74.15 | 2 |
| 3 | --- | --- | 74.82 | 74.72 | 74.66 | 74.60 | 74.49 | 74.40 | 74.17 | 74.13 | 74.05 | 74.15 | 3 |
| 4 | --- | --- | 74.80 | 74.81 | 74.63 | 74.59 | 74.53 | 74.38 | 74.17 | 74.11 | 74.09 | 74.08 | 4 |
| 5 | --- | --- | 74.49 | 74.53 | 74.66 | 74.61 | 74.48 | 74.28 | 74.17 | 74.14 | 74.11 | 74.12 | 5 |
| 6 | --- | --- | 74.53 | 74.61 | 74.69 | 74.57 | 74.47 | 74.30 | 74.17 | 74.12 | 74.06 | 74.10 | 6 |
| 7 | --- | --- | 74.54 | 74.70 | 74.68 | 74.57 | 74.48 | 74.33 | 74.16 | 74.17 | 74.08 | 74.07 | 7 |
| 8 | --- | --- | 74.52 | 74.76 | 74.69 | 74.61 | 74.48 | 74.33 | 74.14 | 74.14 | 74.09 | 74.07 | 8 |
| 9 | --- | --- | 74.38 | 74.80 | 74.72 | 74.60 | 74.48 | 74.30 | 74.18 | 74.15 | 74.06 | 74.10 | 9 |
| 10 | --- | --- | 74.42 | 74.80 | 74.67 | 74.59 | 74.48 | 74.29 | 74.17 | 74.12 | 73.99 | 74.17 | 10 |
| 11 | --- | --- | 74.46 | 74.78 | 74.65 | 74.60 | 74.47 | 74.28 | 74.14 | 74.08 | 73.97 | 74.09 | 11 |
| 12 | --- | --- | 74.48 | 74.76 | 74.65 | 74.61 | 74.47 | 74.27 | 74.18 | 74.06 | 74.03 | 74.10 | 12 |
| 13 | --- | --- | 74.48 | 74.71 | 74.63 | 74.57 | 74.46 | 74.28 | 74.18 | 74.07 | 74.07 | 74.14 | 13 |
| 14 | --- | --- | 74.49 | 74.72 | 74.65 | 74.58 | 74.48 | 74.29 | 74.20 | 74.09 | 74.05 | 74.12 | 14 |
| 15 | --- | --- | 74.48 | 74.72 | 74.64 | 74.58 | 74.46 | 74.29 | 74.19 | 74.07 | 73.99 | 74.04 | 15 |
| 16 | --- | --- | 74.50 | 74.75 | 74.65 | 74.56 | 74.46 | 74.31 | 74.18 | 74.06 | 74.00 | 74.15 | 16 |
| 17 | --- | --- | 74.52 | 74.75 | 74.63 | 74.54 | 74.47 | 74.32 | 74.08 | 74.07 | 74.04 | 74.10 | 17 |
| 18 | --- | --- | 74.50 | 74.77 | 74.58 | 74.54 | 74.49 | 74.33 | 74.03 | 74.11 | 74.22 | 74.11 | 18 |
| 19 | --- | --- | 74.49 | 74.78 | 74.56 | 74.54 | 74.41 | 74.34 | 74.10 | 74.06 | 74.17 | 74.15 | 19 |
| 20 | --- | --- | 74.49 | 74.75 | 74.59 | 74.48 | 74.46 | 74.32 | 74.14 | 74.03 | 74.06 | 74.18 | 20 |
| 21 | --- | --- | 74.49 | 74.73 | 74.61 | 74.48 | 74.45 | 74.28 | 74.12 | 74.02 | 74.02 | 74.28 | 21 |
| 22 | --- | --- | 74.47 | 74.64 | 74.62 | 74.48 | 74.45 | 74.34 | 74.13 | 74.03 | 74.03 | 74.30 | 22 |
| 23 | --- | 74.52 | 74.49 | 74.73 | 74.57 | 74.46 | 74.46 | 74.31 | 74.20 | 74.07 | 74.06 | 74.19 | 23 |
| 24 | --- | 74.54 | 74.47 | 74.67 | 74.60 | 74.50 | 74.48 | 74.30 | 74.13 | 74.05 | 74.10 | 74.12 | 24 |
| 25 | --- | 74.51 | 74.47 | 74.69 | 74.58 | 74.49 | 74.45 | 74.32 | 74.16 | 74.16 | 73.92 | 74.18 | 25 |
| 26 | --- | 74.50 | 74.53 | 74.68 | 74.58 | 74.52 | 74.44 | 74.21 | 74.20 | 74.04 | 73.96 | 74.12 | 26 |
| 27 | --- | 74.47 | 74.53 | 74.71 | 74.59 | 74.52 | 74.46 | 74.16 | 74.14 | 74.08 | 73.97 | 74.18 | 27 |
| 28 | --- | 74.44 | 74.54 | 74.78 | 74.61 | 74.57 | 74.40 | 74.15 | 74.16 | 74.05 | 73.95 | 74.05 | 28 |
| 29 | --- | | 74.55 | 74.72 | 74.62 | 74.54 | 74.41 | 74.15 | 74.17 | 74.04 | 73.99 | 74.01 | 29 |
| 30 | --- | | 74.63 | 74.78 | 74.62 | 74.56 | 74.38 | 74.18 | 74.18 | 74.07 | 74.12 | 74.08 | 30 |
| 31 | --- | | 74.68 | | 74.62 | | 74.35 | 74.23 | | 74.03 | | 74.19 | 31 |
| MEAN | --- | --- | 74.50 | 74.71 | 74.64 | 74.55 | 74.45 | 74.29 | 74.18 | 74.08 | 74.04 | 74.13 | MEAN |
| MAX | --- | --- | 74.68 | 74.80 | 74.78 | 74.61 | 74.53 | 74.40 | 74.23 | 74.19 | 74.22 | 74.28 | MAX |
| MIN | --- | --- | 74.36 | 74.61 | 74.58 | 74.46 | 74.35 | 74.15 | 74.03 | 74.02 | 73.92 | 74.01 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MINIMUM DAILY, 73.92 ON NOV 25
MAXIMUM INSTANTANEOUS,
74.86 AT 22 30 EST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 35 00 N
LONG 75 41 30 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14400 BROCKVILLE

## ST LAWRENCE RIVER AT CORNWALL - STATION NO. 02MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 200 | 8 920 | 9 350 | 7 800 | 9 620 | 8 940 | 8 780 | 8 180 | 7 830 | 7 880 | 7 190 | 8 990 | 1 |
| 2 | 10 200 | 7 180 | 9 370 | 7 800 | 9 850 | 8 930 | 8 740 | 8 180 | 7 830 | 7 940 | 7 190 | 8 930 | 2 |
| 3 | 10 200 | 7 510 | 9 380 | 7 510 | 9 610 | 8 980 | 8 750 | 8 170 | 7 840 | 7 970 | 7 190 | 8 880 | 3 |
| 4 | 10 200 | 7 810 | 9 580 | 7 670 | 9 640 | 8 940 | 8 780 | 8 190 | 7 880 | 7 880 | 7 190 | 7 000 | 4 |
| 5 | 10 200 | 8 030 | 9 540 | 7 950 | 9 670 | 8 980 | 8 780 | 8 180 | 7 740 | 7 970 | 7 180 | 7 320 | 5 |
| 6 | 10 200 | 8 340 | 9 430 | 8 080 | 9 620 | 8 890 | 8 750 | 8 170 | 7 740 | 7 950 | 7 200 | 7 850 | 6 |
| 7 | 10 200 | 8 510 | 9 370 | 8 080 | 9 630 | 8 900 | 8 780 | 8 170 | 7 720 | 7 970 | 7 120 | 7 850 | 7 |
| 8 | 10 200 | 8 500 | 9 330 | 7 800 | 9 620 | 8 890 | 8 750 | 8 140 | 7 730 | 7 950 | 7 110 | 7 580 | 8 |
| 9 | 10 200 | 8 510 | 9 330 | 7 980 | 9 640 | 8 870 | 8 750 | 8 140 | 7 720 | 7 950 | 7 110 | 7 800 | 9 |
| 10 | 10 200 | 8 810 | 9 340 | 8 430 | 9 640 | 8 900 | 8 750 | 8 130 | 7 730 | 7 830 | 7 110 | 7 540 | 10 |
| 11 | 10 200 | 8 780 | 9 410 | 8 730 | 9 630 | 8 890 | 8 730 | 8 130 | 7 730 | 7 820 | 7 110 | 7 580 | 11 |
| 12 | 10 200 | 8 800 | 9 530 | 8 880 | 9 630 | 8 880 | 8 730 | 8 140 | 7 820 | 7 820 | 7 110 | 7 730 | 12 |
| 13 | 10 200 | 8 180 | 9 470 | 8 980 | 9 630 | 8 930 | 8 700 | 8 130 | 7 820 | 7 820 | 7 110 | 7 740 | 13 |
| 14 | 10 200 | 8 820 | 8 520 | 9 070 | 9 580 | 8 930 | 8 740 | 8 120 | 7 820 | 7 810 | 6 950 | 7 720 | 14 |
| 15 | 10 200 | 8 780 | 8 800 | 9 050 | 9 330 | 8 920 | 8 720 | 8 130 | 7 820 | 7 820 | 6 940 | 7 680 | 15 |
| 16 | 9 380 | 8 800 | 8 520 | 8 980 | 9 100 | 8 920 | 8 730 | 8 130 | 7 820 | 7 810 | 6 950 | 7 580 | 16 |
| 17 | 8 830 | 8 900 | 8 620 | 9 080 | 9 080 | 8 910 | 8 710 | 8 130 | 7 820 | 7 810 | 6 940 | 7 780 | 17 |
| 18 | 7 220 | 7 290 | 8 780 | 9 150 | 9 080 | 8 910 | 8 700 | 8 140 | 7 270 | 7 740 | 6 940 | 7 720 | 18 |
| 19 | 7 220 | 7 720 | 8 810 | 9 280 | 9 080 | 8 920 | 8 700 | 8 130 | 7 310 | 7 720 | 6 950 | 7 680 | 19 |
| 20 | 7 230 | 8 070 | 8 780 | 9 480 | 9 100 | 8 880 | 8 880 | 8 130 | 7 480 | 7 730 | 6 930 | 7 680 | 20 |
| 21 | 7 210 | 8 280 | 8 820 | 9 640 | 9 100 | 8 850 | 8 700 | 8 120 | 7 780 | 7 720 | 6 940 | 7 650 | 21 |
| 22 | 6 940 | 8 400 | 8 800 | 9 630 | 9 070 | 8 870 | 8 880 | 8 020 | 7 840 | 7 700 | 6 940 | 7 650 | 22 |
| 23 | 6 210 | 8 570 | 9 030 | 9 630 | 9 010 | 8 880 | 8 850 | 8 010 | 7 880 | 7 700 | 6 940 | 7 650 | 23 |
| 24 | 6 240 | 8 710 | 9 320 | 9 820 | 9 000 | 8 850 | 8 880 | 8 010 | 7 940 | 7 420 | 6 950 | 7 680 | 24 |
| 25 | 8 230 | 8 850 | 9 080 | 9 850 | 9 020 | 8 880 | 8 880 | 8 020 | 7 930 | 7 430 | 6 950 | 7 650 | 25 |
| 26 | 6 240 | 9 000 | 8 900 | 9 840 | 8 980 | 8 830 | 8 670 | 8 000 | 7 810 | 7 420 | 6 840 | 7 650 | 26 |
| 27 | 6 230 | 9 100 | 8 470 | 9 810 | 9 010 | 8 780 | 8 470 | 8 010 | 7 880 | 7 410 | 6 940 | 7 650 | 27 |
| 28 | 6 220 | 9 250 | 7 880 | 9 850 | 8 890 | 8 780 | 8 300 | 8 010 | 7 880 | 7 420 | 6 950 | 7 680 | 28 |
| 29 | 6 390 | | 7 510 | 9 630 | 9 000 | 8 750 | 8 310 | 7 840 | 7 880 | 7 420 | 6 980 | 7 630 | 29 |
| 30 | 6 620 | | 7 480 | 9 630 | 8 880 | 8 750 | 8 280 | 7 840 | 7 880 | 7 430 | 7 000 | 7 650 | 30 |
| 31 | 6 800 | | 7 640 | | 8 870 | | 8 280 | 7 850 | | 7 190 | | 7 650 | 31 |
| TOTAL | 262 310 | 226 440 | 276 890 | 266 000 | 288 700 | 266 430 | 268 380 | 250 720 | 233 570 | 238 480 | 211 000 | 234 270 | TOTAL |
| MEAN | 8 460 | 8 090 | 8 900 | 8 870 | 9 310 | 8 880 | 8 660 | 8 090 | 7 780 | 7 730 | 7 030 | 7 560 | MEAN |
| MAX | 10 200 | 9 250 | 9 580 | 9 850 | 9 670 | 8 980 | 8 780 | 8 180 | 7 880 | 7 940 | 7 200 | 7 780 | MAX |
| MIN | 6 210 | 6 780 | 7 480 | 7 510 | 8 980 | 8 750 | 8 280 | 7 840 | 7 270 | 7 190 | 6 840 | 6 980 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8 280
MAXIMUM DAILY 10 200 ON JAN 1
MINIMUM DAILY, 6 210 ON JAN 23

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 00 21 N
LONG 74 47 43 W
DRAINAGE AREA, 774 000 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 22 700 000 | JUL | 23 200 000 |
| FEB | 19 600 000 | AUG | 21 700 000 |
| MAR | 23 800 000 | SEP | 20 200 000 |
| APR | 23 000 000 | OCT | 20 700 000 |
| MAY | 24 800 000 | NOV | 18 200 000 |
| JUN | 23 000 000 | DEC | 20 200 000 |

TOTAL DISCHARGE, 261 000 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL ST LAWRENCE RIVER BOARD OF CONTROL

REGULATED

## ST LAWRENCE RIVER AT IROQUOIS ISLAND (ABOVE) - STATION NO 02MB005

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 73.21 | 74.18 | 73.28 | 74.02 | 73.80 | 73.75 | 73.62 | 73.46 | 73.45 | 73.28 | 73.32 | 73.48 | 1 |
| 2 | 73.05 | 74.11 | 73.48 | 73.88 | 73.80 | 73.73 | 73.55 | 73.47 | 73.41 | 73.34 | 73.35 | 73.51 | 2 |
| 3 | 73.08 | 74.04 | 73.46 | 74.11 | 73.71 | 73.73 | 73.55 | 73.54 | 73.38 | 73.32 | 73.32 | 73.54 | 3 |
| 4 | 73.15 | 73.89 | 73.42 | 73.88 | 73.84 | 73.74 | 73.60 | 73.53 | 73.35 | 73.29 | 73.39 | 73.44 | 4 |
| 5 | 73.18 | 73.82 | 73.38 | 73.71 | 73.86 | 73.76 | 73.57 | 73.40 | 73.37 | 73.30 | 73.43 | 73.45 | 5 |
| 6 | 73.18 | 73.85 | 73.45 | 73.78 | 73.70 | 73.68 | 73.54 | 73.40 | 73.39 | 73.28 | 73.38 | 73.38 | 6 |
| 7 | 73.21 | 73.80 | 73.48 | 73.82 | 73.73 | 73.68 | 73.54 | 73.44 | 73.38 | 73.31 | 73.40 | 73.30 | 7 |
| 8 | 73.19 | 73.72 | 73.48 | 74.07 | 73.78 | 73.72 | 73.54 | 73.47 | 73.34 | 73.33 | 73.43 | 73.27 | 8 |
| 9 | 73.22 | 73.81 | 73.33 | 74.14 | 73.80 | 73.75 | 73.55 | 73.44 | 73.36 | 73.32 | 73.38 | 73.30 | 9 |
| 10 | 73.14 | 73.82 | 73.33 | 74.12 | 73.78 | 73.74 | 73.55 | 73.39 | 73.36 | 73.32 | 73.31 | 73.43 | 10 |
| 11 | 73.10 | 73.83 | 73.40 | 73.88 | 73.89 | 73.78 | 73.55 | 73.37 | 73.34 | 73.24 | 73.23 | 73.38 | 11 |
| 12 | 73.18 | 73.39 | 73.38 | 73.85 | 73.70 | 73.76 | 73.54 | 73.38 | 73.38 | 73.24 | 73.30 | 73.29 | 12 |
| 13 | 73.18 | 73.45 | 73.38 | 73.83 | 73.88 | 73.72 | 73.54 | 73.39 | 73.38 | 73.23 | 73.37 | 73.33 | 13 |
| 14 | 73.18 | 73.74 | 73.82 | 73.82 | 73.88 | 73.72 | 73.55 | 73.41 | 73.40 | 73.25 | 73.40 | 73.34 | 14 |
| 15 | 73.14 | 73.82 | 73.80 | 73.83 | 73.72 | 73.71 | 73.54 | 73.42 | 73.39 | 73.28 | 73.34 | 73.24 | 15 |
| 16 | 73.18 | 73.86 | 73.81 | 73.86 | 73.73 | 73.68 | 73.52 | 73.45 | 73.40 | 73.20 | 73.30 | 73.33 | 16 |
| 17 | 73.67 | 73.86 | 73.83 | 73.88 | 73.75 | 73.62 | 73.53 | 73.46 | 73.30 | 73.24 | 73.38 | 73.28 | 17 |
| 18 | 73.81 | 73.81 | 73.80 | 73.87 | 73.86 | 73.62 | 73.57 | 73.49 | 73.22 | 73.34 | 73.58 | 73.30 | 18 |
| 19 | 73.91 | 73.83 | 73.57 | 73.87 | 73.80 | 73.62 | 73.49 | 73.49 | 73.33 | 73.28 | 73.80 | 73.35 | 19 |
| 20 | 73.80 | 73.70 | 73.56 | 73.83 | 73.83 | 73.66 | 73.50 | 73.47 | 73.38 | 73.22 | 73.90 | 73.37 | 20 |
| 21 | 74.08 | 73.80 | 73.55 | 73.80 | 73.86 | 73.53 | 73.52 | 73.44 | 73.32 | 73.20 | 73.38 | 73.58 | 21 |
| 22 | 74.08 | 73.53 | 73.53 | 73.86 | 73.72 | 73.51 | 73.51 | 73.50 | 73.29 | 73.20 | 73.38 | 73.52 | 22 |
| 23 | 74.28 | 73.48 | 73.55 | 73.74 | 73.86 | 73.48 | 73.53 | 73.48 | 73.36 | 73.25 | 73.41 | 73.46 | 23 |
| 24 | 74.40 | 73.50 | 73.50 | 73.72 | 73.86 | 73.54 | 73.58 | 73.47 | 73.32 | 73.26 | 73.47 | 73.38 | 24 |
| 25 | 74.33 | 73.48 | 73.50 | 73.72 | 73.86 | 73.56 | 73.55 | 73.51 | 73.32 | 73.48 | 73.28 | 73.39 | 25 |
| 26 | 74.18 | 73.41 | 73.60 | 73.71 | 73.85 | 73.57 | 73.53 | 73.38 | 73.40 | 73.34 | 73.22 | 73.37 | 26 |
| 27 | 74.18 | 73.37 | 73.68 | 73.78 | 73.89 | 73.60 | 73.83 | 73.28 | 73.31 | 73.33 | 73.27 | 73.42 | 27 |
| 28 | 74.20 | 73.38 | 73.75 | 73.84 | 73.74 | 73.87 | 73.62 | 73.28 | 73.30 | 73.32 | 73.25 | 73.28 | 28 |
| 29 | 74.20 |  | 73.88 | 73.78 | 73.77 | 73.68 | 73.62 | 73.27 | 73.32 | 73.30 | 73.26 | 73.17 | 29 |
| 30 | 74.12 |  | 73.88 | 73.84 | 73.78 | 73.86 | 73.51 | 73.38 | 73.36 | 73.31 | 73.43 | 73.23 | 30 |
| 31 | 74.18 |  | 74.06 |  | 73.77 |  | 73.46 | 73.42 |  | 73.32 |  | 73.38 | 31 |
| MEAN | 73.82 | 73.70 | 73.84 | 73.87 | 73.71 | 73.68 | 73.54 | 73.43 | 73.35 | 73.28 | 73.37 | 73.37 | MEAN |
| MAX | 74.40 | 74.18 | 74.06 | 74.14 | 73.80 | 73.76 | 73.62 | 73.54 | 73.45 | 73.48 | 73.80 | 73.58 | MAX |
| MIN | 73.05 | 73.38 | 73.28 | 73.86 | 73.80 | 73.48 | 73.46 | 73.28 | 73.22 | 73.20 | 73.22 | 73.17 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 73.54
MAXIMUM DAILY, 74.40 ON JAN 24
MINIMUM DAILY, 73.05 ON JAN 2
MAXIMUM INSTANTANEOUS,
74.53 AT 5 EST ON JAN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 49 20 N
LONG 75 19 14 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14600 IROQUOIS LOCK (ABOVE)

## ST. LAWRENCE RIVER AT IROQUOIS ISLAND (BELOW) - STATION NO. 02MB009

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 73.03 | 74.05 | 73.12 | 73.96 | --- | 73.62 | 73.49 | 73.33 | 73.33 | 73.15 | 73.22 | 73.38 | 1 |
| 2 | 72.85 | 74.01 | 73.27 | 73.91 | --- | 73.60 | 73.42 | 73.34 | 73.29 | 73.20 | 73.15 | 73.42 | 2 |
| 3 | 72.87 | 73.94 | 73.30 | 74.01 | --- | 73.60 | 73.41 | 73.41 | 73.24 | 73.19 | 73.21 | 73.45 | 3 |
| 4 | 72.96 | 73.89 | 73.28 | 73.81 | --- | 73.61 | 73.47 | 73.40 | 73.23 | 73.12 | 73.28 | 73.34 | 4 |
| 5 | 72.99 | 73.81 | 73.24 | 73.80 | 73.50 | 73.62 | 73.44 | 73.28 | 73.25 | 73.16 | 73.33 | 73.34 | 5 |
| 6 | 73.00 | 73.73 | 73.32 | 73.88 | 72.55 | 73.58 | 73.40 | 73.28 | 73.27 | 73.15 | 73.28 | 73.25 | 6 |
| 7 | 73.03 | 73.88 | 73.38 | 73.80 | 73.58 | 73.54 | 73.40 | 73.30 | 73.26 | 73.17 | 73.30 | 73.18 | 7 |
| 8 | 73.01 | 73.80 | 73.38 | 73.87 | 73.88 | 73.58 | 73.40 | 73.33 | 73.23 | 73.20 | 73.33 | 73.16 | 8 |
| 9 | 73.04 | 73.49 | 73.21 | 74.04 | 73.85 | 73.62 | 73.41 | 73.31 | 73.24 | 73.16 | 73.30 | 73.16 | 9 |
| 10 | 72.95 | 73.38 | 73.18 | 73.98 | 73.83 | 73.61 | 73.41 | 73.28 | 73.28 | 73.20 | 73.21 | 73.32 | 10 |
| 11 | 72.91 | 73.28 | 73.28 | 73.83 | 73.54 | 73.62 | 73.41 | 73.24 | 73.22 | 73.12 | 73.12 | 73.25 | 11 |
| 12 | 73.00 | 73.28 | 73.22 | 73.78 | 73.55 | 73.64 | 73.40 | 73.24 | 73.24 | 73.11 | 73.19 | 73.17 | 12 |
| 13 | 72.99 | 73.30 | 73.22 | 73.82 | 73.51 | 73.58 | 73.40 | 73.25 | 73.25 | 73.10 | 73.28 | 73.21 | 13 |
| 14 | 72.98 | 73.63 | 73.34 | 73.80 | 73.53 | 73.58 | 73.41 | 73.28 | 73.28 | 73.12 | 73.31 | 73.22 | 14 |
| 15 | 72.96 | 73.84 | 73.47 | 73.89 | 73.57 | 73.58 | 73.40 | 73.29 | 73.27 | 73.12 | 73.28 | 73.12 | 15 |
| 16 | 72.98 | 73.87 | 73.48 | 73.73 | 73.58 | 73.53 | 73.39 | 73.32 | 73.28 | 73.08 | 73.20 | 73.21 | 16 |
| 17 | 73.56 | 73.83 | 73.51 | 73.75 | 73.61 | 73.48 | 73.39 | 73.34 | 73.18 | 73.13 | 73.28 | 73.16 | 17 |
| 18 | 73.82 | 73.78 | 73.47 | 73.74 | 73.52 | 73.48 | 73.44 | 73.38 | 73.10 | 73.23 | 73.48 | 73.18 | 18 |
| 19 | 73.83 | 73.88 | 73.44 | 73.74 | 73.48 | 73.48 | 73.38 | 73.38 | 73.22 | 73.16 | 73.50 | 73.23 | 19 |
| 20 | 73.81 | 73.55 | 73.42 | 73.68 | 73.48 | 73.42 | 73.38 | 73.34 | 73.27 | 73.09 | 73.42 | 73.24 | 20 |
| 21 | 73.98 | 73.45 | 73.42 | 73.86 | 73.54 | 73.38 | 73.37 | 73.31 | 73.20 | 73.07 | 73.28 | 73.45 | 21 |
| 22 | 73.87 | 73.40 | 73.38 | 73.81 | 73.58 | 73.37 | 73.37 | 73.37 | 73.17 | 73.06 | 73.29 | 73.42 | 22 |
| 23 | 74.21 | 73.34 | 73.41 | 73.89 | 73.52 | 73.33 | 73.38 | 73.36 | 73.23 | 73.12 | 73.30 | 73.35 | 23 |
| 24 | 74.35 | 73.37 | 73.38 | 73.88 | 73.54 | 73.40 | 73.45 | 73.34 | 73.20 | 73.15 | 73.37 | 73.27 | 24 |
| 25 | 74.28 | 73.34 | 73.38 | 73.87 | 73.54 | 73.42 | 73.41 | 73.38 | 73.19 | 73.33 | 73.20 | 73.28 | 25 |
| 26 | 74.13 | 73.27 | 73.46 | 73.87 | 73.51 | 73.43 | 73.38 | 73.27 | 73.28 | 73.23 | 73.12 | 73.25 | 26 |
| 27 | 74.15 | 73.23 | 73.55 | 73.80 | 73.55 | 73.46 | 73.38 | 73.15 | 73.19 | 73.21 | 73.16 | 73.30 | 27 |
| 28 | 74.16 | 73.20 | 73.64 | 73.70 | 73.81 | 73.63 | 73.38 | 73.13 | 73.18 | 73.21 | 73.14 | 73.19 | 28 |
| 29 | 74.16 |  | 73.78 | 73.85 | 73.64 | 73.63 | 73.38 | 73.14 | 73.19 | 73.18 | 73.14 | 73.05 | 29 |
| 30 | 74.05 |  | 73.88 | --- | 73.85 | 73.63 | 73.38 | 73.23 | 73.23 | 73.19 | 73.31 | 73.11 | 30 |
| 31 | 74.08 |  | 73.95 |  | 73.84 |  | 73.32 | 73.28 |  | 73.21 |  | 73.24 | 31 |
| MEAN | 73.49 | 73.58 | 73.41 | --- | --- | 73.53 | 73.40 | 73.30 | 73.23 | 73.16 | 73.28 | 73.26 | MEAN |
| MAX | 74.35 | 74.05 | 73.95 | --- | --- | 73.64 | 73.49 | 73.41 | 73.33 | 73.33 | 73.50 | 73.45 | MAX |
| MIN | 72.85 | 73.20 | 73.12 | --- | --- | 73.33 | 73.32 | 73.13 | 73.10 | 73.07 | 73.12 | 73.05 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY 74.35 ON JAN 24
MINIMUM DAILY, 72.85 ON JAN 2
MAXIMUM INSTANTANEOUS,
74.48 AT 25 EST ON JAN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 12 N
LONG 75 18 37 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14602 IROQUOIS LOCK (BELOW)

## ST. LAWRENCE RIVER AT SUMMERSTOWN - STATION NO 02MC023

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 46.72 | 46.94 | 46.83 | 46.59 | 46.52 | 46.64 | 46.66 | 46.61 | 46.66 | 46.64 | 46.64 | 1 |
| 2 | 46.75 | 46.76 | 46.95 | 46.86 | 46.64 | 46.59 | 46.65 | 46.67 | 46.65 | 46.66 | 46.67 | 46.62 | 2 |
| 3 | 46.66 | 46.86 | 46.91 | 46.59 | 46.61 | 46.62 | 46.68 | 46.67 | 46.67 | 46.66 | 46.64 | 46.57 | 3 |
| 4 | 46.69 | 46.84 | 46.84 | 46.63 | 46.67 | 46.59 | 46.64 | 46.66 | 46.69 | 46.67 | 46.61 | 46.63 | 4 |
| 5 | 46.61 | 46.84 | 46.98 | 46.73 | 46.68 | 46.58 | --- | 46.69 | --- | 46.62 | 46.60 | 46.60 | 5 |
| 6 | 46.65 | 46.88 | 46.95 | 46.75 | 46.64 | 46.63 | --- | 46.66 | --- | 46.68 | 46.56 | 46.67 | 6 |
| 7 | 46.64 | 46.85 | 46.91 | 46.69 | 46.61 | 46.60 | --- | 46.68 | --- | 46.67 | 46.57 | 46.64 | 7 |
| 8 | 46.57 | 46.85 | 46.95 | 46.58 | 46.62 | 46.60 | 46.66 | 46.67 | --- | 46.65 | 46.58 | 46.69 | 8 |
| 9 | 46.65 | 46.87 | 46.98 | 46.58 | 46.59 | 46.59 | 46.68 | 46.68 | --- | 46.65 | 46.63 | 46.71 | 9 |
| 10 | 46.66 | 46.89 | 46.82 | 46.62 | 46.64 | 46.59 | 46.66 | 46.69 | 46.64 | 46.62 | 46.62 | 46.65 | 10 |
| 11 | 46.65 | 46.87 | 46.90 | 46.63 | 46.68 | 46.59 | 46.65 | 46.67 | 46.64 | 46.67 | 46.63 | 46.67 | 11 |
| 12 | 46.60 | 46.89 | 46.89 | 46.67 | 46.62 | 46.61 | 46.67 | 46.68 | 46.68 | 46.66 | 46.62 | 46.69 | 12 |
| 13 | 46.61 | 46.86 | 46.89 | 46.73 | 46.63 | 46.63 | 46.69 | 46.67 | 46.66 | 46.63 | 46.60 | 46.64 | 13 |
| 14 | 46.64 | 46.73 | 46.84 | 46.58 | 46.64 | 46.61 | 46.68 | 46.66 | 46.68 | 46.68 | 46.61 | 46.65 | 14 |
| 15 | 46.65 | 46.88 | 46.78 | 46.63 | 46.60 | 46.61 | 46.63 | 46.66 | 46.68 | 46.63 | 46.63 | 46.71 | 15 |
| 16 | 46.63 | 46.86 | 46.78 | 46.64 | 46.57 | 46.64 | 46.68 | 46.65 | 46.65 | 46.65 | 46.68 | 46.67 | 16 |
| 17 | 46.64 | 46.85 | 46.75 | 46.66 | 46.60 | 46.61 | 46.64 | 46.65 | 46.70 | 46.64 | 46.62 | 46.66 | 17 |
| 18 | 46.52 | 46.87 | 46.73 | 46.62 | 46.63 | 46.62 | 46.65 | 46.66 | 46.68 | 46.60 | 46.63 | 46.62 | 18 |
| 19 | 46.60 | 46.74 | 46.72 | 46.62 | 46.66 | 46.63 | 46.68 | 46.65 | 46.70 | 46.63 | 46.57 | 46.63 | 19 |
| 20 | 46.64 | 46.86 | 46.73 | 46.62 | 46.64 | 46.62 | 46.68 | 46.66 | 46.71 | 46.67 | 46.57 | 46.66 | 20 |
| 21 | 46.65 | 46.86 | 46.69 | 46.64 | 46.61 | 46.62 | 46.70 | 46.66 | 46.73 | 46.66 | 46.57 | 46.60 | 21 |
| 22 | 46.55 | 46.85 | 46.67 | 46.67 | 46.61 | 46.64 | 46.69 | 46.60 | 46.71 | 46.65 | 46.54 | 46.58 | 22 |
| 23 | 46.55 | 46.90 | 46.68 | 46.68 | 46.67 | 46.65 | 46.66 | 46.61 | 46.65 | 46.66 | 46.56 | 46.56 | 23 |
| 24 | 46.58 | 46.84 | 46.70 | 46.67 | 46.59 | 46.63 | 46.67 | 46.66 | 46.66 | 46.63 | 46.62 | 46.57 | 24 |
| 25 | 46.65 | 46.85 | 46.66 | 46.64 | 46.62 | 46.67 | 46.69 | 46.61 | 46.66 | 46.56 | 46.67 | 46.59 | 25 |
| 26 | 46.67 | 46.89 | 46.72 | 46.65 | 46.63 | 46.65 | 46.67 | 46.63 | 46.63 | 46.61 | 46.73 | 46.59 | 26 |
| 27 | 46.60 | 46.86 | 46.71 | 46.64 | 46.62 | 46.65 | 46.66 | 46.65 | 46.69 | 46.67 | 46.64 | 46.60 | 27 |
| 28 | 46.67 | 46.89 | 46.72 | 46.63 | 46.56 | 46.61 | 46.68 | 46.69 | 46.67 | 46.60 | 46.67 | 46.65 | 28 |
| 29 | 46.65 | | 46.64 | 46.64 | 46.56 | 46.62 | 46.68 | 46.69 | 46.67 | 46.60 | 46.67 | 46.65 | 29 |
| 30 | 46.70 | | 46.61 | 46.55 | 46.56 | 46.62 | 46.67 | 46.66 | 46.64 | 46.62 | 46.65 | 46.54 | 30 |
| 31 | 46.72 | | 46.62 | | 46.56 | | 46.68 | 46.64 | | 46.60 | | 46.58 | 31 |
| MEAN | --- | 46.82 | 46.80 | 46.65 | 46.62 | 46.62 | --- | 46.66 | --- | 46.64 | 46.62 | 46.63 | MEAN |
| MAX | --- | 46.90 | 46.98 | 46.75 | 46.68 | 46.67 | --- | 46.69 | --- | 46.68 | 46.73 | 46.71 | MAX |
| MIN | --- | 46.66 | 46.61 | 46.55 | 46.57 | 46.58 | --- | 46.60 | --- | 46.56 | 46.53 | 46.54 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 46.98 ON MAR 9
MINIMUM DAILY, 46.44 ON JAN 17
MAXIMUM INSTANTANEOUS,
47.02 AT 13:44 EST ON MAR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 35 N
LONG 74 33 13 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14940 SUMMERSTOWN

## ST. LAWRENCE RIVER BELOW CORNWALL CANAL - STATION NO 02MC022

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 47.04 | 46.87 | 47.43 | 46.88 | 46.91 | --- | 46.92 | 46.94 | --- | 46.93 | 46.86 | 46.85 | 1 |
| 2 | 47.12 | 47.01 | 47.46 | 46.92 | 46.98 | --- | 46.93 | 46.95 | --- | 46.93 | 46.90 | 46.83 | 2 |
| 3 | 47.03 | 47.12 | 47.43 | 46.83 | 46.95 | 46.91 | 46.94 | 46.94 | --- | 46.91 | 46.86 | 46.78 | 3 |
| 4 | 46.98 | 47.15 | 47.47 | 46.91 | 47.01 | 46.89 | 46.93 | 46.94 | --- | 46.93 | 46.85 | 46.85 | 4 |
| 5 | 47.00 | 47.19 | 47.46 | 47.02 | 47.01 | 46.88 | 46.93 | 46.97 | --- | 46.88 | 46.82 | 46.85 | 5 |
| 6 | 47.03 | 47.25 | 47.46 | 47.03 | 46.97 | 46.93 | 46.97 | 46.94 | --- | 46.94 | 46.78 | 46.90 | 6 |
| 7 | 47.02 | 47.25 | 47.40 | 46.98 | 46.94 | 46.90 | 46.97 | 46.95 | --- | 46.93 | 46.78 | 46.88 | 7 |
| 8 | 46.95 | 47.24 | 47.37 | 46.84 | 46.95 | 46.89 | 46.97 | 46.94 | --- | 46.91 | 46.80 | 46.93 | 8 |
| 9 | 47.03 | 47.27 | 47.32 | 46.84 | 46.91 | 46.88 | 46.98 | 46.95 | --- | 46.91 | 46.86 | 46.95 | 9 |
| 10 | 47.06 | 47.31 | 47.23 | 46.90 | 46.96 | 46.89 | 46.99 | 46.97 | --- | 46.88 | 46.84 | 46.87 | 10 |
| 11 | 47.04 | 47.28 | 47.23 | 46.94 | 47.01 | 46.90 | 46.98 | 46.94 | --- | 46.93 | 46.88 | 46.91 | 11 |
| 12 | 46.98 | 47.31 | 47.23 | 46.98 | 46.94 | 46.90 | 46.98 | 46.95 | 46.93 | 46.91 | 46.84 | 46.94 | 12 |
| 13 | 46.89 | 47.25 | 47.21 | 47.05 | 46.97 | 46.93 | 46.99 | 46.94 | 46.94 | 46.89 | 46.81 | 46.88 | 13 |
| 14 | 47.02 | 47.06 | 47.12 | 47.00 | 46.96 | 46.90 | 46.98 | 46.92 | 46.94 | 46.91 | 46.81 | 46.89 | 14 |
| 15 | 47.03 | 47.00 | 47.07 | 46.98 | 46.92 | 46.91 | 46.94 | 46.92 | 46.94 | 46.88 | 46.85 | 46.96 | 15 |
| 16 | 46.88 | 47.01 | 47.07 | 46.96 | 46.89 | 46.94 | 46.99 | 46.90 | 46.90 | 46.91 | 46.88 | 46.92 | 16 |
| 17 | 46.85 | 47.01 | 47.03 | 46.98 | 46.91 | 46.92 | 46.95 | 46.90 | 46.97 | 46.88 | 46.84 | 46.90 | 17 |
| 18 | 46.76 | 47.03 | 47.03 | 46.95 | 46.95 | 46.92 | 46.95 | 46.91 | 46.93 | 46.85 | 46.73 | 46.87 | 18 |
| 19 | 46.74 | 47.11 | 47.02 | 46.95 | 46.99 | 46.92 | 46.99 | 46.90 | 46.94 | 46.88 | 46.77 | 46.87 | 19 |
| 20 | 46.76 | 47.23 | 47.03 | 46.96 | 46.95 | 46.91 | 46.99 | 46.91 | 46.96 | 46.92 | 46.78 | 46.92 | 20 |
| 21 | 46.75 | 47.22 | 46.88 | 46.97 | 46.92 | 46.91 | 47.00 | 46.91 | 46.89 | 46.91 | 46.77 | 46.82 | 21 |
| 22 | 46.75 | 47.20 | 46.96 | 47.02 | 46.92 | 46.93 | --- | 46.88 | 46.97 | 46.90 | 46.74 | 46.82 | 22 |
| 23 | 46.68 | 47.23 | 47.00 | 47.01 | 47.00 | 46.95 | 46.97 | 46.88 | 46.90 | 46.94 | 46.80 | 46.80 | 23 |
| 24 | --- | 47.18 | 47.03 | 47.00 | 46.90 | 46.91 | 46.97 | 46.90 | 46.91 | 46.88 | 46.82 | 46.82 | 24 |
| 25 | --- | 47.27 | 47.01 | 46.97 | 46.93 | 46.97 | 46.98 | 46.88 | 46.91 | 46.78 | 46.91 | 46.83 | 25 |
| 26 | --- | 47.32 | 47.02 | 46.89 | 46.94 | 46.93 | 46.98 | 46.88 | 46.87 | 46.84 | 46.95 | 46.82 | 26 |
| 27 | --- | 47.31 | 47.01 | 46.97 | 46.92 | 46.93 | 46.95 | 46.91 | 46.96 | 46.91 | 46.86 | 46.84 | 27 |
| 28 | --- | 47.34 | 46.99 | 46.97 | 46.88 | 46.88 | 46.96 | 46.95 | 46.84 | 46.85 | 46.90 | 46.90 | 28 |
| 29 | --- | | 46.89 | 46.97 | 46.88 | 46.90 | 46.97 | 46.94 | 46.93 | 46.83 | 46.89 | 46.90 | 29 |
| 30 | --- | | 46.85 | 46.88 | 46.88 | 46.90 | 46.96 | 46.90 | 46.90 | 46.85 | 46.87 | 46.77 | 30 |
| 31 | 46.98 | | 46.86 | | 46.88 | | 46.97 | --- | | 46.82 | | 46.82 | 31 |
| MEAN | --- | 47.18 | 47.15 | 46.95 | 46.94 | --- | --- | --- | --- | 46.89 | 46.83 | 46.87 | MEAN |
| MAX | --- | 47.34 | 47.48 | 47.05 | 47.01 | --- | --- | --- | --- | 46.94 | 46.95 | 46.96 | MAX |
| MIN | --- | 46.97 | 46.85 | 46.83 | 46.88 | --- | --- | --- | --- | 46.78 | 46.73 | 46.77 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 47.48 ON MAR 5
MINIMUM DAILY, 46.65 ON JAN 17
MAXIMUM INSTANTANEOUS,
47.50 AT 2:53 EST ON MAR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 00 55 N
LONG 74 42 38 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14870 CORNWALL

## ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 1 |
| 2 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 2 |
| 3 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 3 |
| 4 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 4 |
| 5 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 5 |
| 6 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 6 |
| 7 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 7 |
| 8 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 8 |
| 9 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 9 |
| 10 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 10 |
| 11 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 11 |
| 12 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 12 |
| 13 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 13 |
| 14 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 14 |
| 15 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 15 |
| 16 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 16 |
| 17 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 17 |
| 18 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 18 |
| 19 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 19 |
| 20 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 20 |
| 21 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 21 |
| 22 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 22 |
| 23 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 23 |
| 24 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 24 |
| 25 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 25 |
| 26 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 26 |
| 27 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 27 |
| 28 | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 28 |
| 29 | 2 000 | | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 29 |
| 30 | 2 000 | | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | 30 |
| 31 | 2 000 | | 2 000 | | 2 410 | | 1 800 | 1 570 | | 1 680 | | 1 570 | 31 |
| TOTAL | 62 000 | 55 720 | 62 000 | 60 000 | 74 710 | 65 700 | 49 600 | 48 670 | 47 100 | 52 080 | 47 100 | 48 670 | TOTAL |
| MEAN | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | MEAN |
| MAX | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | MAX |
| MIN | 2 000 | 1 990 | 2 000 | 2 000 | 2 410 | 2 190 | 1 800 | 1 570 | 1 570 | 1 680 | 1 570 | 1 570 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 840
MAXIMUM DAILY, 2 410 ON MAY 1
MINIMUM DAILY, 1 570 ON AUG 1

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 30 34 N
LONG 84 21 42 W
DRAINAGE AREA, 210 000 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 380 000 | JUL | 4 290 000 |
| FEB | 4 810 000 | AUG | 4 210 000 |
| MAR | 5 380 000 | SEP | 4 070 000 |
| APR | 5 180 000 | OCT | 4 500 000 |
| MAY | 6 450 000 | NOV | 4 070 000 |
| JUN | 5 680 000 | DEC | 4 210 000 |

TOTAL DISCHARGE, 58 200 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL LAKE SUPERIOR BOARD OF CONTROL

REGULATED

## ST. MARYS RIVER AT SAULT STE. MARIE (ABOVE) - STATION NO. 02BF011

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 183.02 | 182.77 | 183.02 | 182.99 | 183.07 | 183.03 | 183.21 | 183.10 | 183.02 | 182.97 | 1 |
| 2 | 183.18 | 183.09 | 183.14 | 182.95 | 183.00 | 183.01 | 182.99 | 183.14 | 183.17 | 183.26 | 182.87 | 182.99 | 2 |
| 3 | 183.14 | 183.13 | 183.06 | 182.88 | 183.00 | 183.05 | 183.09 | 183.12 | 183.11 | 183.12 | 183.02 | 182.98 | 3 |
| 4 | 183.13 | 183.11 | 182.94 | 182.91 | 182.97 | 183.04 | 183.10 | 183.14 | 183.05 | 183.10 | 183.13 | 182.98 | 4 |
| 5 | 183.10 | 183.11 | 182.94 | 183.01 | 182.95 | 183.06 | 183.03 | 183.12 | 183.09 | 183.10 | 183.22 | 182.98 | 5 |
| 6 | 183.14 | 183.13 | 182.95 | 183.02 | 182.98 | 183.01 | 183.02 | 183.06 | 183.15 | 183.20 | 183.17 | 182.91 | 6 |
| 7 | 183.24 | 183.05 | 182.99 | 183.03 | 182.96 | 183.04 | 183.03 | 183.15 | 183.17 | 183.19 | 183.06 | 182.83 | 7 |
| 8 | 183.23 | 183.21 | 183.04 | 182.99 | 182.94 | 183.13 | 183.04 | 183.13 | 183.13 | 183.07 | 183.13 | 182.86 | 8 |
| 9 | 183.13 | 183.07 | 183.02 | 182.96 | 182.99 | 183.08 | 183.02 | 183.12 | 183.16 | 183.16 | 183.07 | 182.96 | 9 |
| 10 | 183.17 | 183.08 | 182.98 | 182.96 | 182.91 | 183.03 | 183.06 | 183.16 | 183.11 | 183.13 | 183.02 | 182.97 | 10 |
| 11 | 183.23 | 183.02 | 182.98 | 182.99 | --- | 183.00 | 183.06 | 183.03 | 183.12 | 183.11 | 183.01 | 182.86 | 11 |
| 12 | 183.23 | 183.15 | 183.04 | 183.01 | --- | 183.06 | 183.07 | 183.05 | 183.14 | 183.07 | 182.98 | 182.95 | 12 |
| 13 | 183.08 | 182.98 | 182.97 | 182.98 | --- | 183.04 | 183.17 | 183.10 | 183.19 | 183.02 | 183.03 | 182.99 | 13 |
| 14 | 183.20 | 183.05 | 182.98 | 182.95 | --- | 183.08 | 183.14 | 183.06 | 183.17 | 183.09 | 182.99 | 182.95 | 14 |
| 15 | 183.28 | 183.06 | 182.98 | 182.97 | --- | 183.08 | 183.08 | 183.10 | 183.13 | 183.02 | 182.85 | 182.92 | 15 |
| 16 | 183.18 | 183.02 | 182.96 | 182.94 | --- | 183.07 | 183.02 | 183.11 | 183.13 | 182.99 | 182.86 | 183.04 | 16 |
| 17 | 183.11 | 183.01 | 182.97 | 182.94 | --- | 183.00 | 183.03 | 183.19 | 183.10 | 183.17 | 183.00 | 182.93 | 17 |
| 18 | --- | 183.00 | 182.95 | 182.97 | --- | 183.02 | 183.08 | 183.15 | 183.10 | 183.12 | 183.08 | 182.85 | 18 |
| 19 | --- | 183.02 | 182.97 | 182.92 | --- | 183.07 | 183.06 | 183.20 | 183.10 | 183.06 | 183.13 | 182.90 | 19 |
| 20 | --- | 183.01 | 183.00 | 182.94 | --- | 183.03 | 183.11 | 183.16 | 183.13 | 183.03 | 183.07 | 182.97 | 20 |
| 21 | --- | 182.99 | 182.98 | 183.06 | 182.93 | 183.03 | 183.10 | 183.12 | 183.15 | 183.07 | 182.98 | 183.00 | 21 |
| 22 | --- | 183.00 | 182.97 | 182.97 | 183.00 | 183.05 | 183.08 | 183.34 | 183.15 | 182.97 | 182.91 | 182.92 | 22 |
| 23 | --- | 183.04 | 182.93 | 183.04 | 183.02 | 183.02 | 183.12 | 183.31 | 183.19 | 183.00 | 183.00 | 182.91 | 23 |
| 24 | --- | 183.01 | 182.94 | 182.99 | 183.02 | 183.02 | 183.14 | 183.21 | 183.19 | 183.07 | 182.99 | 182.87 | 24 |
| 25 | --- | 183.00 | 182.97 | 182.98 | 182.98 | 183.05 | 183.17 | 183.17 | 183.15 | 183.05 | 182.95 | 182.97 | 25 |
| 26 | --- | 182.98 | 183.01 | 182.95 | 182.95 | 183.06 | 183.19 | 183.13 | 183.14 | 183.01 | 182.97 | 182.91 | 26 |
| 27 | --- | 182.99 | 182.94 | 183.12 | 182.96 | 183.06 | 183.17 | 183.13 | 183.05 | 183.19 | 182.93 | 182.94 | 27 |
| 28 | --- | 182.97 | 182.98 | 183.02 | 182.98 | 183.05 | 183.11 | 183.13 | 183.09 | 183.11 | 182.86 | 182.87 | 28 |
| 29 | --- | | 183.01 | 183.12 | 183.00 | 183.06 | 183.12 | 183.17 | 183.17 | 183.08 | 182.92 | 182.88 | 29 |
| 30 | --- | | 183.01 | 183.06 | 183.00 | 183.09 | 183.12 | 183.17 | 183.20 | 183.13 | 182.99 | 182.70 | 30 |
| 31 | --- | | 182.89 | | 183.02 | | 183.06 | 183.27 | | 183.04 | | 182.98 | 31 |
| MEAN | --- | --- | 182.98 | 182.98 | --- | 183.05 | 183.09 | 183.14 | 183.14 | 183.09 | 183.01 | 182.93 | MEAN |
| MAX | --- | --- | 183.14 | 183.12 | --- | 183.13 | 183.19 | 183.34 | 183.21 | 183.26 | 183.22 | 183.04 | MAX |
| MIN | --- | --- | 182.89 | 182.77 | --- | 182.99 | 182.99 | 183.03 | 183.05 | 182.97 | 182.85 | 182.70 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 183.34 ON AUG 22
MINIMUM DAILY, 182.70 ON DEC 30
MAXIMUM INSTANTANEOUS,
183.89 AT 5 34 EST ON OCT 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 49 N
LONG 84 22 20 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10980 SAULT STE MARIE (ABOVE)

## ST MARYS RIVER AT SAULT STE MARIE (BELOW) - STATION NO 02CA005

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 177.17 | 177.20 | 177.02 | 177.15 | 176.98 | 177.13 | 176.89 | 176.90 | 176.84 | 176.91 | 176.58 | --- | 1 |
| 2 | 177.08 | 177.15 | 177.01 | 176.91 | 176.97 | 177.13 | 177.01 | 176.92 | 176.87 | 176.75 | 176.58 | --- | 2 |
| 3 | 177.11 | 177.17 | 177.11 | 176.98 | 176.92 | 177.07 | 176.98 | 176.94 | 176.85 | 176.70 | 176.58 | --- | 3 |
| 4 | 177.15 | 177.21 | 177.16 | 176.95 | 176.98 | 177.07 | 176.91 | 176.93 | 176.89 | 176.75 | 176.65 | --- | 4 |
| 5 | 177.20 | 177.19 | 177.14 | 176.89 | 177.04 | 177.03 | 176.94 | 176.93 | 176.83 | 176.82 | 176.52 | --- | 5 |
| 6 | 177.19 | 177.19 | 177.11 | 176.89 | 177.04 | 177.04 | 176.97 | 176.95 | 176.76 | 176.78 | 176.65 | --- | 6 |
| 7 | 177.02 | 177.18 | 177.11 | 176.91 | 177.06 | 177.01 | 176.99 | 176.91 | 176.70 | 176.85 | 176.67 | --- | 7 |
| 8 | 177.13 | 177.07 | 177.07 | 176.94 | 177.05 | 176.98 | 176.95 | 176.85 | 176.84 | 176.76 | 176.80 | --- | 8 |
| 9 | 177.20 | 177.15 | 176.97 | 176.98 | 177.09 | 177.00 | 176.99 | 176.84 | 176.84 | 176.82 | 176.62 | --- | 9 |
| 10 | 177.07 | 177.18 | 177.01 | 176.96 | 177.07 | 177.06 | 176.98 | 176.82 | 176.83 | 176.78 | 176.60 | 176.64 | 10 |
| 11 | 177.07 | 177.13 | 177.06 | 176.97 | 177.00 | 177.11 | 176.94 | 176.94 | 176.83 | 176.68 | 176.65 | 176.72 | 11 |
| 12 | 177.07 | 177.08 | 177.04 | 176.94 | 177.03 | 177.07 | 176.93 | 176.93 | 176.83 | 176.70 | 176.68 | 176.59 | 12 |
| 13 | 177.18 | 177.14 | 177.07 | 176.97 | 177.08 | 177.08 | 176.85 | 176.90 | 176.82 | 176.73 | 176.61 | 176.60 | 13 |
| 14 | 177.10 | 177.06 | 177.05 | 176.93 | 176.99 | 176.99 | 176.92 | 176.95 | 176.84 | 176.77 | 176.58 | 176.61 | 14 |
| 15 | 177.00 | 176.98 | 176.97 | 176.98 | 177.03 | 177.02 | 176.99 | 176.95 | 176.86 | 176.70 | 176.66 | 176.63 | 15 |
| 16 | 177.13 | 177.06 | 177.01 | 177.05 | 177.08 | 177.05 | 177.01 | 176.95 | 176.81 | 176.74 | 176.67 | --- | 16 |
| 17 | 177.14 | 177.07 | 176.99 | 177.04 | 177.06 | 177.08 | 177.05 | 176.91 | 176.81 | 176.67 | 176.74 | --- | 17 |
| 18 | 177.10 | 177.11 | 177.00 | 177.02 | 177.04 | 177.07 | 176.98 | 176.88 | 176.78 | 176.88 | 176.59 | 176.71 | 18 |
| 19 | 177.12 | 177.10 | 177.00 | 177.03 | 177.06 | 177.05 | 177.00 | 176.94 | 176.84 | 176.77 | 176.69 | 176.63 | 19 |
| 20 | 177.18 | 177.10 | 177.02 | 177.02 | 177.06 | 177.06 | 176.96 | 176.95 | 176.83 | 176.80 | 176.58 | 176.68 | 20 |
| 21 | 177.19 | 177.09 | 177.01 | 176.94 | 177.11 | 177.02 | 176.98 | 176.98 | 176.82 | 176.77 | 176.58 | 176.62 | 21 |
| 22 | 177.16 | 177.10 | 176.98 | 177.00 | 177.11 | 177.02 | 176.99 | 176.70 | 176.82 | 176.81 | 176.67 | 176.69 | 22 |
| 23 | 177.11 | 177.08 | 177.02 | 176.92 | 177.06 | 177.07 | 176.97 | 176.78 | 176.83 | 176.81 | 176.65 | 176.63 | 23 |
| 24 | 177.25 | 177.15 | 177.01 | 176.98 | 177.08 | 177.09 | 176.98 | 176.85 | 176.79 | 176.73 | 176.59 | 176.67 | 24 |
| 25 | 177.27 | 177.12 | 177.01 | 176.96 | 177.10 | 177.09 | 176.98 | 176.84 | 176.77 | 176.88 | 176.60 | --- | 25 |
| 26 | 177.20 | 177.13 | 177.00 | 177.00 | 177.10 | 177.07 | 176.85 | 176.83 | 176.77 | 176.77 | 176.55 | --- | 26 |
| 27 | 177.24 | 177.05 | 176.99 | 176.92 | 177.11 | 177.04 | 176.87 | 176.82 | 176.78 | 176.80 | 176.58 | --- | 27 |
| 28 | 177.18 | 177.08 | 176.94 | 176.92 | 177.12 | 177.05 | 176.95 | 176.91 | 176.81 | 176.88 | 176.87 | --- | 28 |
| 29 | 177.21 | | 176.96 | 176.93 | 177.12 | 177.04 | 176.92 | 176.80 | 176.82 | 176.82 | 176.85 | --- | 29 |
| 30 | 177.10 | | 176.89 | 176.87 | 177.12 | 176.97 | 176.87 | 176.91 | 176.84 | 176.83 | 176.56 | 176.68 | 30 |
| 31 | 177.13 | | 176.90 | | 177.13 | | 176.93 | 176.83 | | 176.83 | | 176.69 | 31 |
| MEAN | 177.14 | 177.12 | 177.02 | 176.97 | 177.08 | 177.05 | 176.95 | 176.90 | 176.81 | 176.74 | 176.62 | --- | MEAN |
| MAX | 177.27 | 177.21 | 177.16 | 177.15 | 177.13 | 177.13 | 177.05 | 176.98 | 176.89 | 176.91 | 176.74 | --- | MAX |
| MIN | 177.00 | 176.98 | 176.89 | 176.87 | 176.92 | 176.97 | 176.85 | 176.70 | 176.84 | 176.80 | 176.52 | --- | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 177.27 ON JAN 25

MAXIMUM INSTANTANEOUS
177.34 AT 15 45 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 47 N
LONG 84 20 41 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11010 SAULT STE MARIE (BELOW)

## ST MARYS RIVER NEAR GARDEN RIVER - STATION NO 02CA003

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24.813 | 24.761 | 24.595 | 24.736 | 24.618 | 24.693 | 24.584 | 24.548 | 24.486 | 24.512 | 24.230 | 24.178E | 1 |
| 2 | 24.710 | 24.715 | 24.583 | 24.609 | 24.602 | 24.697 | 24.616 | 24.578 | 24.470 | 24.350 | 24.277 | 24.240E | 2 |
| 3 | 24.732 | 24.713 | 24.675 | 24.584 | 24.573 | 24.659 | 24.607 | 24.561 | 24.477 | 24.291 | 24.295 | 24.260E | 3 |
| 4 | 24.781 | 24.739 | 24.696 | 24.591 | 24.609 | 24.658 | 24.564 | 24.527 | 24.517 | 24.400 | 24.298 | 24.155E | 4 |
| 5 | 24.809 | 24.766 | 24.695 | 24.629 | 24.642 | 24.649 | 24.588 | 24.537 | 24.481 | 24.448 | 24.168 | 24.142E | 5 |
| 6 | 24.823 | 24.786 | 24.686 | 24.644 | 24.641 | 24.653 | 24.584 | 24.573 | 24.448 | 24.387 | 24.292 | 24.175E | 6 |
| 7 | 24.851 | 24.752 | 24.705 | 24.572 | 24.639 | 24.649 | 24.610 | 24.538 | 24.388 | 24.238 | 24.311 | 24.230E | 7 |
| 8 | 24.781 | 24.681 | 24.670 | 24.591 | 24.646 | 24.614 | 24.597 | 24.534 | 24.442 | 24.295 | 24.244 | 24.234E | 8 |
| 9 | 24.807 | 24.704 | 24.540 | 24.627 | 24.705 | 24.631 | 24.618 | 24.532 | 24.442 | 24.450 | 24.211 | 24.265E | 9 |
| 10 | 24.707 | 24.781 | 24.578 | 24.631 | 24.682 | 24.658 | 24.626 | 24.545 | 24.457 | 24.351 | 24.220 | 24.230E | 10 |
| 11 | 24.702 | 24.704 | 24.635 | 24.606 | 24.620 | 24.714 | 24.610 | 24.587 | 24.462 | 24.309 | 24.270 | 24.381E | 11 |
| 12 | 24.710 | 24.687 | 24.633 | 24.587 | 24.623 | 24.697 | 24.604 | 24.548 | 24.489 | 24.333 | 24.289 | 24.225E | 12 |
| 13 | 24.778 | 24.692 | 24.634 | 24.608 | 24.680 | 24.678 | 24.587 | 24.532 | 24.458 | 24.344 | 24.263 | 24.260E | 13 |
| 14 | 24.734 | 24.640 | 24.634 | 24.583 | 24.619 | 24.632 | 24.648 | 24.547 | 24.448 | 24.392 | 24.225 | 24.224A | 14 |
| 15 | 24.645 | 24.588 | 24.575 | 24.588 | 24.618 | 24.622 | 24.582 | 24.577 | 24.486 | 24.318 | 24.286 | 24.231 | 15 |
| 16 | 24.740 | 24.637 | 24.590 | 24.651 | 24.681 | 24.644 | 24.607 | 24.583 | 24.438 | 24.339 | 24.296 | 24.006 | 16 |
| 17 | 24.750 | 24.628 | 24.595 | 24.651 | 24.684 | 24.675 | 24.663 | 24.583 | 24.426 | 24.322 | 24.279 | 24.179 | 17 |
| 18 | 24.731 | 24.654 | 24.601 | 24.651 | 24.602 | 24.652 | 24.606 | 24.589 | 24.384 | 24.333 | 24.218 | 24.343 | 18 |
| 19 | 24.737 | 24.675 | 24.580 | 24.645 | 24.629 | 24.641 | 24.638 | 24.558 | 24.487 | 24.330 | 24.382 | 24.311 | 19 |
| 20 | 24.758 | 24.674 | 24.609 | 24.653 | 24.636 | 24.637 | 24.584 | 24.584 | 24.471 | 24.342 | 24.195 | 24.301 | 20 |
| 21 | 24.783 | 24.672 | 24.622 | 24.575 | 24.670 | 24.604 | 24.609 | 24.591 | 24.411 | 24.314 | 24.158 | 24.288 | 21 |
| 22 | 24.781 | 24.678 | 24.588 | 24.627 | 24.663 | 24.614 | 24.621 | 24.626 | 24.404 | 24.372 | 24.302E | 24.344 | 22 |
| 23 | 24.843 | 24.648 | 24.608 | 24.565 | 24.648 | 24.648 | 24.621 | 24.571 | 24.439 | 24.392 | 24.284E | 24.277 | 23 |
| 24 | 24.794 | 24.687 | 24.603 | 24.610 | 24.661 | 24.658 | 24.609 | 24.535 | 24.388 | 24.314 | 24.250E | 24.306 | 24 |
| 25 | 24.809 | 24.677 | 24.596 | 24.606 | 24.658 | 24.650 | 24.532 | 24.540 | 24.386 | 24.284 | 24.253E | 24.183 | 25 |
| 26 | 24.737 | 24.674 | 24.608 | 24.631 | 24.668 | 24.650 | 24.512 | 24.517 | 24.410 | 24.391 | 24.172E | 24.282 | 26 |
| 27 | 24.791 | 24.641 | 24.611 | 24.615 | 24.678 | 24.628 | 24.532 | 24.604 | 24.417 | 24.278 | 24.190E | 24.272 | 27 |
| 28 | 24.738 | 24.631 | 24.577 | 24.601 | 24.687 | 24.648 | 24.587 | 24.508 | 24.439 | 24.298 | 24.209E | 24.233 | 28 |
| 29 | 24.724 | | 24.579 | 24.589 | 24.683 | 24.657 | 24.557 | 24.477 | 24.443 | 24.260 | 24.186E | 24.128 | 29 |
| 30 | 24.660 | | 24.526 | 24.550 | 24.684 | 24.586 | 24.526 | 24.575 | 24.304 | 24.282 | 24.194E | 24.295 | 30 |
| 31 | 24.679 | | 24.505 | | 24.692 | | 24.548 | 24.466 | | 24.257 | | 24.395 | 31 |
| MEAN | 24.744 | 24.686 | 24.611 | 24.605 | 24.649 | 24.650 | 24.588 | 24.549 | 24.437 | 24.339 | 24.251 | 24.242 | MEAN |
| MAX | 24.823 | 24.786 | 24.705 | 24.736 | 24.705 | 24.714 | 24.663 | 24.626 | 24.517 | 24.512 | 24.379 | 24.361 | MAX |
| MIN | 24.643 | 24.588 | 24.505 | 24.509 | 24.573 | 24.586 | 24.512 | 24.466 | 24.304 | 24.238 | 24.158 | 24.006 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 24.528
MAXIMUM DAILY 24.823 ON JAN 6
MINIMUM DAILY 24.006 ON DEC 16
MAXIMUM INSTANTANEOUS
24.903 AT 00 00 EST ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 57 N
LONG 84 07 56 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 152 400 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

## STEEL RIVER NEAR TERRACE BAY - STATION NO. 02BA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.84 | 4.05B | 2.70B | 3.43B | 19.0 | 12.8 | 6.24 | 5.11 | 5.05 | 5.82 | 11.8 | 12.8 | 1 |
| 2 | 7.42 | 3.97B | 2.68B | 3.50B | 18.5 | 14.0 | 6.03 | 5.09 | 4.85 | 5.85 | 11.8 | 12.3 | 2 |
| 3 | 7.20 | 3.92B | 2.65B | 3.58 | 17.9 | 14.1 | 5.88 | 5.00 | 4.58 | 5.84 | 11.4 | 11.9 | 3 |
| 4 | 7.02 | 3.84B | 2.63B | 3.85 | 17.3 | 14.3 | 5.89 | 5.08 | 4.35 | 5.55 | 11.3 | 11.5 | 4 |
| 5 | 6.82 | 3.79B | 2.61B | 3.75 | 16.9 | 14.1 | 5.84 | 5.85 | 4.38 | 5.52 | 10.9 | 11.2 | 5 |
| 6 | 6.70B | 3.72B | 2.59B | 3.91 | 16.5 | 13.9 | 5.39 | 5.49 | 5.50 | 6.09 | 10.6 | 10.8 | 6 |
| 7 | 6.55B | 3.67B | 2.56B | 4.42 | 16.0 | 13.7 | 5.26 | 5.43 | 5.32 | 6.14 | 10.2 | 10.2 | 7 |
| 8 | 6.45B | 3.60B | 2.58B | 4.78 | 15.2 | 13.5 | 5.14 | 5.31 | 5.43 | 6.14 | 10.1 | 10.0 | 8 |
| 9 | 6.30B | 3.54B | 2.54B | 5.34 | 14.8 | 12.8 | 5.11 | 5.21 | 5.49 | 7.55 | 9.75 | 10.2 | 9 |
| 10 | 6.15B | 3.50B | 2.52B | 6.13 | 14.4 | 12.5 | 5.38 | 5.19 | 5.83 | 8.25 | 9.54 | 10.3 | 10 |
| 11 | 6.00B | 3.45B | 2.51B | 7.58 | 14.0 | 12.2 | 5.36 | 4.97 | 6.83 | 8.34 | 9.28 | 10.2 | 11 |
| 12 | 5.90B | 3.39B | 2.50B | 9.25 | 13.4 | 12.1 | 5.49 | 4.88 | 7.09 | 8.36 | 9.15 | 10.4 | 12 |
| 13 | 5.80B | 3.34B | 2.49B | 11.0 | 12.8 | 11.9 | 5.35 | 5.19 | 7.33 | 8.43 | 9.02 | 10.5 | 13 |
| 14 | 5.65B | 3.30B | 2.48B | 13.0 | 12.4 | 11.8 | 4.84 | 5.07 | 7.88 | 8.68 | 8.85 | 10.4 | 14 |
| 15 | 5.55B | 3.25B | 2.47B | 15.0 | 11.8 | 11.7 | 4.74 | 5.10 | 7.86 | 8.98 | 8.69 | 10.3 | 15 |
| 16 | 5.46B | 3.21B | 2.47B | 16.7 | 11.5 | 11.3 | 4.83 | 5.32 | 7.74 | 10.2 | 8.08 | 10.1 | 16 |
| 17 | 5.35B | 3.16B | 2.48B | 18.4 | 11.2 | 10.8 | 4.70 | 5.73 | 7.83 | 12.3 | 11.8 | 9.89 | 17 |
| 18 | 5.25B | 3.12B | 2.49B | 20.0 | 10.9 | 10.6 | 5.10 | 6.50 | 7.80 | 13.0 | 13.5 | 9.85 | 18 |
| 19 | 5.10B | 3.08B | 2.50B | 21.5 | 10.7 | 10.2 | 5.28 | 8.32 | 7.88 | 13.9 | 15.1 | 9.82 | 19 |
| 20 | 5.05B | 3.03B | 2.54B | 22.8 | 10.4 | 9.85 | 5.79 | 8.24 | 7.50 | 14.6 | 15.6 | 9.63 | 20 |
| 21 | 4.95B | 3.00B | 2.59B | 23.8 | 10.1 | 9.30 | 6.02 | 8.29 | 7.46 | 14.8 | 15.2 | 9.45 | 21 |
| 22 | 4.85B | 2.97B | 2.63B | 24.0 | 10.2 | 9.00 | 6.33 | 8.21 | 8.98 | 14.5 | 14.8 | 9.21 | 22 |
| 23 | 4.75B | 2.93B | 2.70B | 24.1 | 10.1 | 8.81 | 6.80 | 7.87 | 8.79 | 14.3 | 15.0 | 9.02 | 23 |
| 24 | 4.70B | 2.89B | 2.78B | 23.7 | 10.2 | 8.21 | 7.11 | 7.17 | 8.81 | 13.9 | 14.9 | 8.84 | 24 |
| 25 | 4.80B | 2.85B | 2.85B | 22.9 | 10.6 | 8.04 | 7.32 | 6.81 | 8.63 | 13.3 | 14.4 | 8.51 | 25 |
| 26 | 4.50B | 2.83B | 2.94B | 22.2 | 11.2 | 7.73 | 7.11 | 6.47 | 8.18 | 13.2 | 13.7 | 8.18 | 26 |
| 27 | 4.45B | 2.79B | 3.04B | 21.8 | 11.7 | 7.81 | 6.93 | 6.15 | 8.05 | 13.3 | 13.1 | 8.14 | 27 |
| 28 | 4.33B | 2.76B | 3.14B | 21.1 | 12.3 | 7.13 | 6.87 | 5.88 | 8.93 | 12.9 | 13.0 | 7.91 | 28 |
| 29 | 4.25B | | 3.21B | 20.8 | 12.4 | 6.72 | 6.58 | 5.80 | 8.74 | 12.8 | 13.3 | 7.82B | 29 |
| 30 | 4.20B | | 3.28B | 20.0 | 12.6 | 6.54 | 6.58 | 5.49 | 9.85 | 11.4 | 13.3 | 7.58 | 30 |
| 31 | 4.10B | | 3.35B | | 12.7 | | 6.27 | 5.31 | | 12.1 | | 7.45B | 31 |
| TOTAL | 173.15 | 92.95 | 83.48 | 421.62 | 408.4 | 327.24 | 180.86 | 191.97 | 188.74 | 316.77 | 368.17 | 303.72 | TOTAL |
| MEAN | 5.59 | 3.32 | 2.69 | 14.1 | 13.2 | 10.9 | 5.82 | 6.19 | 6.32 | 10.2 | 11.9 | 9.80 | MEAN |
| MAX | 7.84 | 4.05 | 3.35 | 24.1 | 19.0 | 14.3 | 7.32 | 8.50 | 7.74 | 14.8 | 15.6 | 12.8 | MAX |
| MIN | 4.10 | 2.76 | 2.47 | 3.43 | 10.1 | 8.54 | 4.83 | 4.88 | 4.38 | 5.52 | 8.69 | 7.45 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.35
MAXIMUM DAILY, 24.1 ON APR 23
MINIMUM DAILY, 2.47B ON MAR 15
MAXIMUM INSTANTANEOUS,
24.4 AT 20:00 EST ON APR 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 40 N
LONG 88 53 04 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 15 000 | JUL | 15 600 |
| FEB | 8 030 | AUG | 16 600 |
| MAR | 7 210 | SEP | 16 400 |
| APR | 36 400 | OCT | 27 400 |
| MAY | 35 400 | NOV | 30 900 |
| JUN | 28 300 | DEC | 26 200 |

TOTAL DISCHARGE, 283 000 dam³

## STOKES RIVER NEAR FERNDALE - STATION NO. 02FA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.05 | 0.358B | 1.21B | 1.82 | 0.314 | 0.200 | 0.077 | 0.008 | 0.075 | 0.889 | 2.04 | 4.33 | 1 |
| 2 | 0.946 | 0.368B | 2.89B | 2.00 | 0.296 | 0.483 | 0.068 | 0.010 | 0.082 | 1.34 | 1.85 | 3.52 | 2 |
| 3 | 0.788B | 0.372B | 4.52B | 2.07 | 0.280 | 0.441 | 0.065 | 0.018 | 0.049 | 1.01 | 4.79 | 2.88 | 3 |
| 4 | 0.712B | 0.404B | 3.71B | 2.05 | 0.264 | 0.343 | 0.062 | 0.018 | 0.041 | 0.903 | 4.12 | 2.26 | 4 |
| 5 | 0.678 | 0.420B | 3.31B | 4.10 | 0.251 | 0.316 | 0.058 | 0.014 | 0.037 | 0.816 | 3.39 | 1.89 | 5 |
| 6 | 0.670 | 0.418B | 3.18B | 3.27 | 0.237 | 0.276 | 0.062 | 0.012 | 0.033 | 0.824 | 2.50 | 1.51B | 6 |
| 7 | 0.680 | 0.414B | 4.33B | 2.65 | 0.221 | 0.384 | 0.057 | 0.008 | 0.028 | 0.709 | 2.18 | 1.31B | 7 |
| 8 | 0.620B | 0.399B | 7.48B | 2.44 | 0.210 | 0.477 | 0.052 | 0.009 | 0.027 | 0.625 | 3.30 | 1.42 | 8 |
| 9 | 0.576 | 0.384B | 5.32B | 1.87 | 0.206 | 0.386 | 0.048 | 0.017 | 0.027 | 0.567 | 3.08 | 3.82 | 9 |
| 10 | 0.577 | 0.368B | 4.20B | 1.51 | 0.198 | 0.309 | 0.044 | 0.019 | 0.026 | 0.488 | 2.33 | 2.55 | 10 |
| 11 | 0.575B | 0.362B | 2.48B | 1.28 | 0.189 | 0.284 | 0.041 | 0.013 | 0.031 | 0.430 | 2.18 | 2.02 | 11 |
| 12 | 0.587 | 0.360B | 2.08B | 1.08 | 0.263 | 0.330 | 0.036 | 0.011 | 0.033 | 0.389 | 2.00 | 2.90 | 12 |
| 13 | 0.564 | 0.334B | 1.82B | 0.902 | 0.190 | 0.385 | 0.035 | 0.010 | 0.035 | 0.361 | 1.72 | 3.41 | 13 |
| 14 | 0.544 | 0.330B | 1.20B | 0.754 | 0.206 | 0.318 | 0.032 | 0.021 | 0.037 | 0.335 | 1.48 | 2.70 | 14 |
| 15 | 0.586 | 0.327B | 1.12B | 0.781 | 0.240 | 0.286 | 0.031 | 0.821 | 0.032 | 0.306 | 1.27 | 2.30B | 15 |
| 16 | 0.639B | 0.319B | 1.11B | 0.703 | 0.221 | 0.230 | 0.030 | 0.491 | 0.028 | 0.327 | 1.13 | 3.05B | 16 |
| 17 | 0.598B | 0.314B | 1.08B | 0.670 | 0.207 | 0.185 | 0.029 | 0.323 | 0.030 | 0.324 | 1.11 | 2.86 | 17 |
| 18 | 0.550B | 0.309B | 1.07B | 0.486 | 0.198 | 0.169 | 0.035 | 0.253 | 0.034 | 0.322 | 1.71 | 2.38 | 18 |
| 19 | 0.518B | 0.302B | 1.40B | 0.513 | 0.198 | 0.155 | 0.039 | 0.219 | 0.037 | 0.306 | 1.39 | 2.00 | 19 |
| 20 | 0.502B | 0.298B | 1.70B | 0.512 | 0.193 | 0.142 | 0.085 | 0.178 | 0.041 | 0.363 | 1.27 | 2.82 | 20 |
| 21 | 0.477B | 0.296B | 2.08 | 0.575 | 0.191 | 0.133 | 0.057 | 0.149 | 0.081 | 0.400 | 0.893B | 3.82 | 21 |
| 22 | 0.456B | 0.292B | 2.29 | 0.433 | 0.216 | 0.126 | 0.048 | 0.141 | 0.053 | 0.722 | 0.823B | 3.67 | 22 |
| 23 | 0.442B | 0.288B | 2.38 | 0.373 | 0.191 | 0.122 | 0.040 | 0.111 | 0.049 | 2.24 | 1.04 | 3.75 | 23 |
| 24 | 0.428B | 0.285B | 2.44 | 0.330 | 0.174 | 0.110 | 0.036 | 0.091 | 0.042 | 3.53 | 1.35 | 3.02 | 24 |
| 25 | 0.417B | 0.292B | 2.46 | 0.272 | 0.158 | 0.095 | 0.035 | 0.077 | 0.038 | 4.30 | 1.13 | 4.88 | 25 |
| 26 | 0.404B | 0.321B | 2.71 | 0.244 | 0.216 | 0.105 | 0.033 | 0.070 | 0.032 | 3.47 | 1.38 | 2.99B | 26 |
| 27 | 0.392B | 0.402B | 2.43 | 0.241 | 0.247 | 0.094 | 0.030 | 0.059 | 0.035 | 4.81 | 1.37 | 2.17B | 27 |
| 28 | 0.381B | 0.538B | 2.18 | 0.417 | 0.211 | 0.086 | 0.027 | 0.052 | 0.076 | 4.05 | 2.18 | 1.77B | 28 |
| 29 | 0.374B | | 1.80 | 0.374 | 0.175 | 0.094 | 0.021 | 0.043 | 0.075 | 3.84 | 4.45 | 1.61B | 29 |
| 30 | 0.369B | | 2.90 | 0.323 | 0.155 | 0.089 | 0.015 | 0.045 | 0.387 | 3.21 | 5.31 | 1.49B | 30 |
| 31 | 0.380B | | 2.04 | | 0.151 | | 0.009 | 0.100 | | 2.82 | | 1.40B | 31 |
| TOTAL | 17.380 | 9.840 | 80.49 | 35.092 | 6.815 | 7.093 | 1.339 | 3.504 | 1.592 | 44.835 | 84.495 | 82.08 | TOTAL |
| MEAN | 0.561 | 0.351 | 2.59 | 1.17 | 0.219 | 0.236 | 0.043 | 0.113 | 0.053 | 1.44 | 2.15 | 2.65 | MEAN |
| MAX | 1.05 | 0.538 | 7.48 | 4.10 | 0.314 | 0.483 | 0.085 | 0.821 | 0.387 | 4.91 | 5.31 | 4.88 | MAX |
| MIN | 0.369 | 0.288 | 1.07 | 0.244 | 0.151 | 0.085 | 0.009 | 0.005 | 0.026 | 0.305 | 0.822 | 1.31 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.870
MAXIMUM DAILY, 7.48B ON MAR 8
MINIMUM DAILY, 0.005 ON AUG 1
MAXIMUM INSTANTANEOUS,
8.37 AT 11:27 EST ON NOV 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 02 10 N
LONG 81 20 10 W
DRAINAGE AREA 50.5 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 500 | JUL | 116 |
| FEB | 850 | AUG | 303 |
| MAR | 8 950 | SEP | 138 |
| APR | 3 030 | OCT | 3 860 |
| MAY | 672 | NOV | 5 570 |
| JUN | 613 | DEC | 7 090 |

TOTAL DISCHARGE 30 800 dam³

## STURGEON CREEK NEAR LEAMINGTON - STATION NO. 02GH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.149 | 0.0938 | 0.660 | 0.310 | 0.061 | 0.026 | 0.138 | 0.250 | 0.161 | 0.076 | 0.132 | 0.301 | 1 |
| 2 | 0.166 | 0.0928 | 0.552 | 0.492 | 0.062 | 0.744 | 0.124 | 0.182 | 0.147 | 0.076 | 0.154 | 0.279 | 2 |
| 3 | 0.155 | 0.0918 | 0.348 | 0.305 | 0.109 | 0.526 | 0.323 | 0.147 | 0.135 | 0.055 | 0.123 | 0.290 | 3 |
| 4 | 0.137 | 0.0908 | 0.234 | 0.254 | 0.079 | 0.185 | 0.192 | 0.063 | 0.118 | 0.057 | 0.100 | 0.385 | 4 |
| 5 | 0.123 | 0.0898 | 0.225 | 0.842 | 0.066 | 0.079 | 0.113 | 0.044 | 0.117 | 0.063 | 0.085 | 0.284 | 5 |
| 6 | 0.129 | 0.0888 | 0.226 | 0.486 | 0.068 | 0.050 | 0.107 | 0.033 | 0.114 | 0.068 | 0.070 | 0.219 | 6 |
| 7 | 0.203 | 0.0998 | 0.235 | 0.391 | 0.063 | 0.036 | 0.085 | 0.043 | 0.129 | 0.071 | 0.065 | 0.188 | 7 |
| 8 | 0.1908 | 0.1188 | 0.199 | 0.247 | 0.060 | 0.026 | 0.083 | 0.060 | 0.139 | 0.059 | 0.088 | 0.224 | 8 |
| 9 | 0.1508 | 0.1428 | 0.151 | 0.185 | 0.060 | 0.025 | 0.098 | 0.395 | 0.131 | 0.061 | 0.126 | 0.250 | 9 |
| 10 | 0.1388 | 0.1238 | 0.1288 | 0.156 | 0.063 | 0.015 | 0.113 | 0.123 | 0.090 | 0.067 | 0.093 | 0.204 | 10 |
| 11 | 0.131 | 0.1178 | 0.1148 | 0.143 | 0.058 | 0.018 | 0.087 | 0.069 | 0.082 | 0.094 | 0.073 | 0.203 | 11 |
| 12 | 0.124 | 0.1158 | 0.106 | 0.153 | 0.072 | 0.058 | 0.063 | 0.060 | 0.104 | 0.100 | 0.068 | 0.328 | 12 |
| 13 | 0.126 | 0.1218 | 0.106 | 0.128 | 0.061 | 0.027 | 0.051 | 0.048 | 0.108 | 0.083 | 0.062 | 0.222 | 13 |
| 14 | 0.291 | 0.1158 | 0.131 | 0.131 | 0.063 | 0.023 | 0.171 | 0.045 | 0.084 | 0.081 | 0.053 | 0.172 | 14 |
| 15 | 0.693 | 0.1058 | 0.119 | 0.284 | 0.059 | 0.020 | 0.068 | 0.053 | 0.124 | 0.059 | 0.048 | 1.18 | 15 |
| 16 | 0.332 | 0.0988 | 0.120 | 0.188 | 0.047 | 0.028 | 0.115 | 0.043 | 0.119 | 0.061 | 0.049 | 0.853 | 16 |
| 17 | 0.196 | 0.0948 | 0.130 | 0.149 | 0.048 | 0.009 | 0.061 | 0.063 | 0.116 | 0.075 | 0.075 | 0.389 | 17 |
| 18 | 0.1608 | 0.0918 | 0.148 | 0.116 | 0.075 | 0.036 | 0.052 | 0.068 | 0.112 | 0.059 | 0.078 | 0.272 | 18 |
| 19 | 0.1408 | 0.0878 | 0.141 | 0.103 | 0.068 | 0.045 | 0.053 | 0.063 | 0.097 | 0.081 | 0.080 | 0.233 | 19 |
| 20 | 0.1308 | 0.0858 | 0.122 | 0.092 | 0.085 | 0.161 | 0.047 | 0.082 | 0.108 | 0.081 | 0.0588 | 0.700 | 20 |
| 21 | 0.1208 | 0.0828 | 0.110 | 0.085 | 0.062 | 0.171 | 0.040 | 0.089 | 0.141 | 0.061 | 0.0498 | 0.413 | 21 |
| 22 | 0.1148 | 0.0858 | 0.103 | 0.073 | 0.055 | 0.106 | 0.043 | 0.247 | 0.197 | 0.060 | 0.043 | 0.295 | 22 |
| 23 | 0.1098 | 0.0818 | 0.102 | 0.082 | 0.042 | 0.071 | 0.043 | 0.099 | 0.122 | 0.062 | 0.059 | 0.245 | 23 |
| 24 | 0.1058 | 0.0978 | 0.099 | 0.074 | 0.039 | 0.064 | 0.038 | 0.078 | 0.096 | 0.126 | 0.054 | 0.252 | 24 |
| 25 | 0.1028 | 0.1098 | 0.100 | 0.065 | 0.035 | 0.084 | 0.035 | 0.078 | 0.084 | 0.130 | 0.895 | 0.435 | 25 |
| 26 | 0.1018 | 0.1278 | 0.098 | 0.064 | 0.034 | 0.078 | 0.038 | 0.625 | 0.072 | 0.093 | 0.674 | 0.305 | 26 |
| 27 | 0.0998 | 0.1408 | 0.095 | 0.077 | 0.033 | 0.058 | 0.039 | 2.05 | 0.062 | 0.225 | 0.374 | 0.215 | 27 |
| 28 | 0.0988 | 0.189 | 0.097 | 0.074 | 0.037 | 0.068 | 0.021 | 0.559 | 0.083 | 0.170 | 0.293 | 0.1858 | 28 |
| 29 | 0.0988 | | 0.099 | 0.073 | 0.025 | 0.123 | 0.012 | 0.392 | 0.070 | 0.119 | 0.489 | 0.1308 | 29 |
| 30 | 0.0958 | | 0.261 | 0.059 | 0.020 | 0.184 | 0.010 | 0.242 | 0.084 | 0.085 | 0.338 | 0.1058 | 30 |
| 31 | 0.0948 | | 0.299 | | 0.018 | | 0.011 | 0.221 | | 0.069 | | 0.0988 | 31 |
| TOTAL | 5.000 | 2.973 | 5.685 | 5.605 | 1.693 | 3.107 | 2.474 | 5.595 | 3.331 | 2.589 | 4.929 | 9.625 | TOTAL |
| MEAN | 0.161 | 0.106 | 0.183 | 0.187 | 0.055 | 0.104 | 0.080 | 0.213 | 0.111 | 0.083 | 0.184 | 0.310 | MEAN |
| MAX | 0.693 | 0.189 | 0.660 | 0.842 | 0.109 | 0.744 | 0.323 | 2.05 | 0.197 | 0.225 | 0.895 | 1.18 | MAX |
| MIN | 0.094 | 0.082 | 0.097 | 0.059 | 0.018 | 0.009 | 0.010 | 0.033 | 0.082 | 0.055 | 0.043 | 0.089 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.147
MAXIMUM DAILY, 2.05 ON AUG 27
MINIMUM DAILY, 0.009 ON JUN 17
MAXIMUM INSTANTANEOUS,
5.64 AT 01 14 EST ON AUG 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 02 44 N
LONG 82 34 28 W
DRAINAGE AREA, 14.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 432 | JUL | 214 |
| FEB | 257 | AUG | 570 |
| MAR | 491 | SEP | 288 |
| APR | 484 | OCT | 222 |
| MAY | 146 | NOV | 426 |
| JUN | 268 | DEC | 832 |

TOTAL DISCHARGE, 4 830 dam³

## STURGEON RIVER AT CRYSTAL FALLS - STATION NO. 020C003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 62.7 | 59.0 | 56.1 | 113 | 61.6 | 54.1 | 27.2 | 15.0 | 14.9 | 15.1 | 20.6 | 36.7 | 1 |
| 2 | 62.4 | 64.0 | 54.0 | 121 | 58.9 | 55.7 | 25.6 | 15.5 | 14.2 | 16.3 | 19.9 | 36.2 | 2 |
| 3 | 60.8 | 62.4 | 54.2 | 114 | 57.7 | 53.7 | 27.0 | 20.0 | 14.1 | 16.9 | 19.3 | 33.7 | 3 |
| 4 | 60.7 | 58.8 | 57.6 | 110 | 54.8 | 56.3 | 27.4 | 15.7 | 14.1 | 16.2 | 24.4 | 34.2 | 4 |
| 5 | 65.0 | 58.8 | 57.8 | 111 | 60.9 | 52.7 | 25.8 | 16.7 | 13.8 | 21.1 | 26.6 | 35.8 | 5 |
| 6 | 63.5 | 65.8 | 57.8 | 114 | 59.3 | 51.1 | 26.2 | 15.7 | 12.7 | 24.2 | 26.6 | 33.0 | 6 |
| 7 | 61.5 | 64.4 | 60.0 | 145 | 53.6 | 49.0 | 28.6 | 15.7 | 13.0 | 27.6 | 26.6 | 32.1 | 7 |
| 8 | 60.8 | 62.7 | 62.1 | 133 | 46.7 | 53.2 | 28.4 | 16.8 | 13.0 | 28.6 | 26.0 | 30.8 | 8 |
| 9 | 61.9 | 59.7 | 56.1 | 127 | 38.6 | 53.8 | 27.6 | 18.0 | 14.5 | 27.7 | 25.2 | 33.8 | 9 |
| 10 | 62.9 | 64.2 | 57.0 | 132 | 39.0 | 54.0 | 26.8 | 18.7 | 17.1 | 26.5 | 24.8 | 40.5 | 10 |
| 11 | 60.7 | 63.5 | 59.0 | 136 | 37.5 | 54.6 | 26.6 | 18.0 | 15.0 | 23.0 | 23.3 | 44.6 | 11 |
| 12 | 61.2 | 65.8 | 58.8 | 136 | 38.7 | 57.2 | 34.3 | 16.6 | 15.5 | 23.0 | 21.7 | 45.4 | 12 |
| 13 | 60.1 | 62.8 | 58.7 | 132 | 38.9 | 58.3 | 30.8 | 19.2 | 17.0 | 20.8 | 23.2 | 46.5 | 13 |
| 14 | 60.8 | 62.0 | 55.4 | 136 | 37.8 | 57.8 | 25.6 | 18.4 | 15.8 | 18.2 | 22.5 | 48.9 | 14 |
| 15 | 61.0 | 60.5 | 54.0 | 133 | 38.3 | 56.4 | 24.4 | 17.7 | 15.7 | 17.9 | 20.4 | 48.8 | 15 |
| 16 | 60.6 | 59.9 | 54.3 | 108 | 38.2 | 52.7 | 20.8 | 15.6 | 15.7 | 16.4 | 19.3 | 48.6 | 16 |
| 17 | 58.1 | 58.6 | 55.0 | 88.1 | 39.6 | 50.5 | 21.2 | 15.9 | 16.8 | 15.0 | 19.2 | 51.4 | 17 |
| 18 | 64.1 | 60.1 | 53.4 | 80.6 | 41.0 | 50.6 | 21.2 | 16.8 | 16.6 | 15.8 | 23.2 | 56.8 | 18 |
| 19 | 64.1 | 60.9 | 51.0 | 87.3 | 40.8 | 43.2 | 14.6 | 20.4 | 16.4 | 14.7 | 24.5 | 60.0 | 19 |
| 20 | 60.7 | 58.2 | 46.1 | 83.3 | 40.8 | 36.2 | 16.4 | 21.1 | 16.9 | 12.8 | 23.4 | 56.4 | 20 |
| 21 | 62.4 | 58.1 | 43.8 | 80.4 | 39.8 | 31.2 | 16.8 | 20.9 | 17.4 | 12.5 | 28.9 | 54.8 | 21 |
| 22 | 61.6 | 57.1 | 38.5 | 78.6 | 41.9 | 30.1 | 20.1 | 19.4 | 18.3 | 13.3 | 32.0 | 54.6 | 22 |
| 23 | 57.9 | 57.6 | 43.1 | 72.1 | 54.5 | 28.6 | 20.3 | 18.4 | 18.1 | 12.1 | 30.8 | 51.6 | 23 |
| 24 | 58.6 | 58.2 | 47.0 | 68.1 | 56.1 | 26.5 | 20.3 | 17.9 | 17.9 | 11.3 | 28.0 | 51.4 | 24 |
| 25 | 58.8 | 58.2 | 55.3 | 62.2 | 54.6 | 24.8 | 20.3 | 18.9 | 17.8 | 11.3 | 27.0 | 50.8 | 25 |
| 26 | 57.4 | 58.7 | 56.1 | 58.1 | 55.5 | 21.9 | 20.3 | 17.8 | 18.7 | 11.6 | 25.0 | 50.4 | 26 |
| 27 | 60.4 | 58.0 | 62.6 | 63.9 | 56.5 | 26.2 | 20.3 | 13.5 | 18.1 | 12.8 | 26.0 | 58.5 | 27 |
| 28 | 65.2 | 57.0 | 65.7 | 61.2 | 57.6 | 22.2 | 20.1 | 17.4 | 17.3 | 14.7 | 26.0 | 65.5 | 28 |
| 29 | 62.3 | | 70.5 | 65.9 | 58.1 | 23.8 | 20.1 | 15.5 | 17.9 | 18.1 | 25.8 | 51.2 | 29 |
| 30 | 61.2 | | 100 | 71.9 | 55.1 | 25.4 | 19.7 | 14.7 | 17.7 | 16.5 | 29.5 | 52.6 | 30 |
| 31 | 61.8 | | 113 | | 52.4 | | 20.0 | 16.1 | | 19.3 | | 52.6 | 31 |
| TOTAL | 1 902.3 | 1 711.1 | 1 814.3 | 3 031.9 | 1 540.3 | 1 313.0 | 726.6 | 554.1 | 483.8 | 567.2 | 726.8 | 1 518.6 | TOTAL |
| MEAN | 61.4 | 61.1 | 58.5 | 101 | 49.7 | 43.8 | 23.4 | 17.9 | 16.1 | 18.0 | 24.2 | 49.0 | MEAN |
| MAX | 65.2 | 65.8 | 113 | 145 | 58.9 | 58.3 | 34.3 | 21.1 | 18.7 | 28.6 | 29.9 | 65.4 | MAX |
| MIN | 57.4 | 57.0 | 35.5 | 63.9 | 36.9 | 21.9 | 14.6 | 13.5 | 12.7 | 11.3 | 19.2 | 30.8 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.5
MAXIMUM DAILY, 145 ON APR 7
MINIMUM DAILY, 11.3 ON OCT 24

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 27 00 N
LONG 79 51 47 W
DRAINAGE AREA, 5 880 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 184 000 | JUL | 62 800 |
| FEB | 148 000 | AUG | 47 900 |
| MAR | 157 000 | SEP | 41 800 |
| APR | 262 000 | OCT | 48 100 |
| MAY | 133 000 | NOV | 62 800 |
| JUN | 113 000 | DEC | 131 000 |

TOTAL DISCHARGE, 1 370 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

## STURGEON RIVER AT MCDOUGALL MILLS - STATION NO 05OA004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18.0 | 14.4 | 12.2 | 11.4 | 22.1 | 21.8 | 15.2 | 12.9 | 12.9E | 11.8 | 11.5 | 12.5 | 1 |
| 2 | 17.9 | 14.2 | 12.1 | 11.3 | 22.0 | 21.6 | 15.2 | 12.8 | 13.0E | 11.5 | 11.5 | 12.5 | 2 |
| 3 | 17.9 | 14.0 | 12.2 | 11.4 | 21.9 | 21.4 | 15.1 | 12.6 | 13.2E | 11.3 | 11.5 | 12.4 | 3 |
| 4 | 17.9 | 14.0 | 12.2 | 11.5 | 21.8 | 21.8 | 14.7 | 12.4 | 13.2E | 11.5 | 11.5 | 12.4 | 4 |
| 5 | 17.8 | 13.9 | 12.1 | 11.7 | 21.5 | 21.9 | 14.4 | 12.2 | 13.3E | 11.6 | 11.6 | 12.4 | 5 |
| 6 | 17.7 | 13.8 | 12.1 | 11.8 | 21.4 | 21.9 | 14.3 | 11.8 | 13.3E | 11.4 | 11.5 | 12.4 | 6 |
| 7 | 17.5 | 13.7 | 12.0 | 12.0 | 21.2 | 22.0 | 13.8 | 11.8 | 13.3E | 11.2 | 11.8 | 12.6 | 7 |
| 8 | 17.2 | 13.5 | 11.8 | 12.2 | 20.7 | 21.6 | 13.4 | 11.6 | 13.3E | 11.4 | 11.5 | 12.8 | 8 |
| 9 | 17.2 | 13.5 | 11.7 | 12.6 | 20.9 | 21.3 | 13.3 | 11.5 | 13.3E | 11.4 | 11.5 | 12.5 | 9 |
| 10 | 17.1 | 13.5 | 11.7 | 13.0 | 20.7 | 21.2 | 12.8 | 11.4 | 13.3E | 11.1 | 11.6 | 12.4 | 10 |
| 11 | 16.9 | 13.3 | 11.6 | 13.6 | 20.0 | 21.7 | 12.7 | 11.5 | 13.3E | 11.3 | 11.7 | 12.6 | 11 |
| 12 | 16.8 | 13.2 | 11.5 | 14.2 | 19.7 | 21.7 | 12.8 | 12.4 | 13.3E | 11.3 | 11.7 | 12.7 | 12 |
| 13 | 16.7 | 13.3 | 11.5 | 14.7 | 19.6 | 21.8 | 13.7 | 12.3 | 13.2E | 11.2 | 11.7 | 12.5 | 13 |
| 14 | 16.4 | 13.1 | 11.5 | 15.5 | 19.7 | 21.2 | 12.5 | 12.3 | 13.2E | 11.0 | 11.8 | 12.6 | 14 |
| 15 | 16.1 | 13.0 | 11.5 | 16.1 | 19.6 | 20.9 | 12.4 | 12.0 | 13.2E | 11.3 | 11.9 | 12.5 | 15 |
| 16 | 15.8 | 13.0 | 11.5 | 16.7 | 19.4 | 21.1 | 12.3 | 12.2 | 13.1E | 11.3 | 12.1 | 12.5 | 16 |
| 17 | 15.8 | 13.0 | 11.4 | 17.4 | 19.2 | 20.4 | 12.2 | 12.7 | 13.0E | 11.1 | 12.3 | 12.4 | 17 |
| 18 | 15.8 | 12.9 | 11.3 | 18.2 | 19.0 | 20.1 | 12.3 | 12.5 | 13.0E | 10.6 | 12.2 | 12.4 | 18 |
| 19 | 15.6 | 12.8 | 11.1 | 18.8 | 18.4 | 20.0 | 12.6 | 12.5 | 12.9E | 10.9 | 12.1 | 12.4 | 19 |
| 20 | 15.5 | 12.8 | 11.1 | 18.8 | 18.1 | 19.5 | 12.8 | 12.6 | 12.8E | 11.1 | 12.2 | 12.4 | 20 |
| 21 | 15.4 | 12.7 | 11.1 | 19.5 | 18.1 | 19.3 | 12.8 | 12.4 | 12.7E | 11.0 | 12.4 | 12.3 | 21 |
| 22 | 15.1 | 12.6 | 11.0 | 19.8 | 19.4 | 18.8 | 13.1 | 12.2 | 12.6E | 11.1 | 12.5 | 12.3 | 22 |
| 23 | 14.9 | 12.5 | 11.1 | 20.3 | 19.3 | 18.3 | 13.3 | 12.2 | 12.5A | 11.1 | 12.5 | 12.3 | 23 |
| 24 | 14.7 | 12.5 | 11.3 | 20.7 | 19.5 | 17.8 | 13.3 | 12.0 | 12.3 | 11.0 | 12.4 | 12.2 | 24 |
| 25 | 14.7 | 12.6 | 11.4 | 21.2 | 19.6 | 17.3 | 13.2 | 12.2 | 12.2 | 10.8 | 12.5 | 12.1 | 25 |
| 26 | 14.7 | 12.4 | 11.4 | 21.2 | 20.3 | 17.0 | 13.3 | 12.1 | 12.3 | 11.0 | 12.6 | 12.1 | 26 |
| 27 | 14.7 | 12.3 | 11.4 | 21.3 | 20.7 | 16.6 | 13.3 | 12.0 | 12.1 | 11.2 | 12.7 | 12.1 | 27 |
| 28 | 14.7 | 12.3 | 11.2 | 21.5 | 21.1 | 16.2 | 13.2 | 11.8 | 12.1 | 11.2 | 12.7 | 12.1 | 28 |
| 29 | 14.7 | | 11.3 | 21.7 | 21.2 | 15.7 | 13.2 | 11.7 | 12.0 | 11.2 | 12.8 | 12.0 | 29 |
| 30 | 14.7 | | 11.3 | 21.8 | 21.4 | 15.4 | 13.2 | 12.1A | 11.8 | 11.3 | 12.5 | 12.0 | 30 |
| 31 | 14.8 | | 11.4 | | 21.7 | | 12.9 | 12.6E | | 11.4 | | 12.0 | 31 |
| TOTAL | 500.8 | 388.8 | 368.0 | 482.1 | 630.4 | 597.3 | 412.3 | 377.3 | 385.7 | 347.7 | 360.6 | 383.3 | TOTAL |
| MEAN | 16.2 | 13.2 | 11.5 | 16.4 | 20.3 | 19.9 | 13.3 | 12.2 | 12.5 | 11.2 | 12.0 | 12.4 | MEAN |
| MAX | 18.0 | 14.4 | 12.2 | 21.8 | 22.1 | 22.0 | 15.2 | 12.9 | 13.3 | 11.8 | 12.7 | 12.7 | MAX |
| MIN | 14.6 | 12.3 | 11.0 | 11.3 | 18.1 | 15.4 | 12.2 | 11.4 | 11.8 | 10.6 | 11.5 | 12.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.3
MAXIMUM DAILY, 22.1 ON MAY 1
MINIMUM DAILY, 10.6 ON OCT 16
MAXIMUM INSTANTANEOUS,
22.5 AT 14 40 CST ON MAY 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 10 20 N
LONG 81 32 30 W
DRAINAGE AREA, 4 450 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 43 300 | JUL | 35 600 |
| FEB | 31 800 | AUG | 32 600 |
| MAR | 30 800 | SEP | 33 300 |
| APR | 42 500 | OCT | 30 000 |
| MAY | 54 500 | NOV | 31 200 |
| JUN | 51 800 | DEC | 33 100 |

TOTAL DISCHARGE, 451 000 dam³

## STURGEON RIVER AT OUTLET OF SALVESEN LAKE - STATION NO 05OE009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.40E | 4.25E | 4.37E | 5.21 | 16.7 | 7.74 | 4.00 | 3.41 | 2.76 | 1.78 | 1.31 | 1.18 | 1 |
| 2 | 5.40E | 4.32E | 4.63E | 5.24 | 16.3 | 7.34 | 4.08 | 3.49 | 2.69 | 1.73 | 1.31 | 1.11 | 2 |
| 3 | 5.37E | 4.32E | 4.59E | 5.32 | 16.7 | 7.10 | 4.09 | 3.44 | 2.65 | 1.69 | 1.30 | 1.08 | 3 |
| 4 | 5.37E | 4.30E | 4.46E | 5.40 | 15.2 | 7.14 | 4.03 | 3.36 | 2.56 | 1.66 | 1.27 | 1.09 | 4 |
| 5 | 5.34E | 4.25E | 4.32E | 5.58 | 14.7 | 7.06 | 3.95 | 3.33 | 2.51 | 1.68 | 1.23 | 1.10 | 5 |
| 6 | 5.34E | 4.21E | 4.23E | 5.67 | 14.1 | 7.08 | 3.88 | 3.36 | 2.51 | 1.63 | 1.23 | 1.11 | 6 |
| 7 | 5.32E | 4.18E | 4.14E | 5.38 | 13.6 | 6.94 | 3.82 | 3.39 | 2.51 | 1.59 | 1.23 | 1.13 | 7 |
| 8 | 5.32A | 4.16E | 4.05E | 7.61 | 13.1 | 6.87 | 3.73 | 3.38 | 2.38 | 1.60 | 1.20 | 1.15 | 8 |
| 9 | 5.27 | 4.14E | 3.98E | 9.27 | 12.8 | 6.82 | 3.85 | 3.35 | 2.29 | 1.62 | 1.18 | 1.16 | 9 |
| 10 | 5.26 | 4.12E | 3.89E | 11.6 | 12.2 | 6.45 | 3.84 | 3.27 | 2.26 | 1.57 | 1.17 | 1.15 | 10 |
| 11 | 5.26 | 4.08E | 3.83A | 12.0 | 11.8 | 6.83 | 3.82 | 3.49 | 2.25 | 1.57 | 1.18 | 1.19 | 11 |
| 12 | 5.27 | 4.07E | 3.74 | 13.9 | 11.1 | 6.61 | 3.82 | 3.86 | 2.27 | 1.58 | 1.18 | 1.22 | 12 |
| 13 | 5.27 | 4.05E | 3.72 | 14.7 | 10.7 | 6.41 | 3.85 | 3.81 | 2.38 | 1.57 | 1.19 | 1.22 | 13 |
| 14 | 5.16 | 4.00E | 3.74 | 15.2 | 10.6 | 6.18 | 3.47 | 3.89 | 2.26 | 1.53 | 1.18 | 1.22 | 14 |
| 15 | 4.89 | 3.88E | 3.78 | 15.5 | 10.1 | 5.91 | 3.48 | 3.82 | 2.26 | 1.51 | 1.21 | 1.20 | 15 |
| 16 | 4.78 | 3.86E | 3.74 | 16.3 A | 9.84 | 5.85 | 3.57 | 3.80 | 2.24 | 1.50 | 1.25 | 1.18 | 16 |
| 17 | 4.82 | 3.83E | 3.72 | 16.7 | 9.50 | 5.75 | 3.51 | 3.84 | 2.22 | 1.49 | 1.24 | 1.17 | 17 |
| 18 | 4.81 | 3.81E | 3.72 | 17.6 | 9.07 | 5.55 | 3.40 | 3.84 | 2.21 | 1.47 | 1.22 | 1.18 | 18 |
| 19 | 4.77 | 3.89E | 3.72A | 18.2 | 8.59 | 5.52 | 3.24 | 3.88 | 2.16 | 1.46 | 1.18 | 1.19 | 19 |
| 20 | 4.70 | 3.87E | 3.78E | 18.4 | 8.34 | 5.38 | 3.23 | 3.86 | 2.13 | 1.45 | 1.15 | 1.18 | 20 |
| 21 | 4.86 | 3.85E | 3.79E | 18.8 | 8.87 | 5.22 | 3.28 | 3.59 | 2.10 | 1.44 | 1.17 | 1.18 | 21 |
| 22 | 4.58 | 3.83E | 3.83A | 18.5 | 8.44 | 5.05 | 3.31 | 3.45 | 2.07 | 1.42 | 1.18 | 1.15 | 22 |
| 23 | 4.40 | 3.83E | 3.89 | 19.1 | 8.23 | 4.90 | 3.30 | 3.38 | 2.06 | 1.41 | 1.18 | 1.17 | 23 |
| 24 | 4.30A | 3.81E | 4.00 | 19.0 | 8.14 | 4.87 | 3.28 | 3.28 | 2.01 | 1.40 | 1.15 | 1.14 | 24 |
| 25 | 4.21E | 3.85E | 4.37E | 19.0 | 7.98 | 4.44 | 3.22 | 3.22 | 1.95 | 1.39 | 1.15 | 1.12 | 25 |
| 26 | 4.14E | 3.88E | 4.71 | 18.8 | 8.04 | 4.43 | 3.18 | 3.16 | 1.95 | 1.38 | 1.15 | 1.13 | 26 |
| 27 | 4.09E | 3.98E | 4.84 | 18.5 | 8.14 | 4.35 | 3.14 | 3.13 | 1.93 | 1.37 | 1.16 | 1.16 | 27 |
| 28 | 4.07E | 4.14E | 4.91A | 18.3 | 8.19 | 4.26 | 3.11 | 3.11 | 1.94 | 1.36 | 1.17 | 1.16 | 28 |
| 29 | 4.05E | | 4.98A | 17.8 | 8.12 | 4.16 | 3.28 | 2.94 | 1.89 | 1.35 | 1.15 | 1.16 | 29 |
| 30 | 4.02E | | 5.10E | 17.2 | 8.10 | 4.02 | 3.30 | 2.85 | 1.81 | 1.33 | 1.16 | 1.15 | 30 |
| 31 | 4.14E | | 5.13 | | 8.08 | | 3.42 | 2.77 | | 1.31 | | 1.11 | 31 |
| TOTAL | 149.81 | 113.18 | 129.54 | 412.34 | 333.85 | 176.25 | 109.22 | 104.84 | 67.18 | 46.88 | 36.05 | 35.82 | TOTAL |
| MEAN | 4.83 | 4.04 | 4.18 | 13.7 | 10.8 | 5.84 | 3.52 | 3.38 | 2.24 | 1.51 | 1.20 | 1.16 | MEAN |
| MAX | 5.40 | 4.32 | 5.13 | 19.1 | 16.7 | 7.74 | 4.09 | 3.86 | 2.76 | 1.78 | 1.31 | 1.22 | MAX |
| MIN | 4.02 | 3.81 | 3.72 | 5.21 | 7.98 | 4.02 | 3.11 | 2.77 | 1.81 | 1.31 | 1.15 | 1.08 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.70
MAXIMUM DAILY, 19.1 ON APR 23
MINIMUM DAILY, 1.08 ON DEC 3
MAXIMUM INSTANTANEOUS,
19.3 AT 17 55 CST ON APR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 20 N
LONG 94 27 30 W
DRAINAGE AREA, 1 830 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 12 900 | JUL | 9 440 |
| FEB | 9 780 | AUG | 9 050 |
| MAR | 11 200 | SEP | 5 800 |
| APR | 35 600 | OCT | 4 950 |
| MAY | 28 800 | NOV | 3 110 |
| JUN | 15 100 | DEC | 3 090 |

TOTAL DISCHARGE, 148 000 dam³

## STURGEON RIVER AT UPPER GOOSE FALLS - STATION NO 02DC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.33 | 4.178 | 4.018 | 12.3 | 26.2 | 12.9 | 4.17 | 2.52 | 1.30 | 2.55 | 5.30 | 5.02 | 1 |
| 2 | 5.16 | 4.168 | 4.008 | 14.6 | 25.5 | 13.1 | 4.20 | 2.35 | 1.24 | 3.57 | 5.33 | 5.01 | 2 |
| 3 | 5.46 | 4.158 | 3.998 | 16.5 | 24.5 | 12.7 | 4.11 | 2.53 | 1.15 | 4.66 | 5.85 | 5.26 | 3 |
| 4 | 5.44 | 4.148 | 3.978 | 17.5 | 22.9 | 11.9 | 4.39 | 2.42 | 1.16 | 5.71 | 5.75 | 5.09 | 4 |
| 5 | 5.72 | 4.138 | 3.958 | 18.4 | 20.9 | 11.3 | 4.68 | 2.44 | 1.16 | 6.44 | 7.18 | 5.17 | 5 |
| 6 | 5.75 | 4.128 | 3.948 | 19.4 | 19.6 | 10.6 | 4.55 | 2.50 | 1.12 | 9.96 | 7.45 | 5.74 | 6 |
| 7 | 5.55 | 4.118 | 3.938 | 20.0 | 18.0 | 9.96 | 4.48 | 2.43 | 1.25 | 10.3 | 7.77 | 5.43 | 7 |
| 8 | 5.22 | 4.108 | 3.928 | 21.7 | 16.5 | 9.52 | 4.57 | 2.48 | 1.24 | 9.84 | 8.07 | 5.55 | 8 |
| 9 | 5.50 | 4.108 | 3.918 | 23.6 | 15.5 | 9.02 | 4.70 | 2.12 | 1.49 | 9.09 | 7.96 | 5.20 | 9 |
| 10 | 5.24 | 4.108 | 3.908 | 26.4 | 14.4 | 8.50 | 4.79 | 2.08 | 1.69 | 8.73 | 7.59 | 5.95 | 10 |
| 11 | 5.19 | 4.098 | 3.858 | 29.2 | 13.7 | 7.91 | 4.58 | 1.91 | 2.08 | 8.26 | 7.28 | 7.24 | 11 |
| 12 | 5.098 | 4.088 | 3.828 | 32.6 | 13.3 | 8.26 | 4.48 | 1.78 | 2.07 | 7.87 | 7.12 | 7.64 | 12 |
| 13 | 5.008 | 4.058 | 3.738 | 35.1 | 12.8 | 8.22 | 4.12 | 1.67 | 1.85 | 7.80 | 6.81 | 7.85 | 13 |
| 14 | 4.908 | 4.048 | 3.718 | 36.3 | 12.1 | 7.89 | 3.88 | 1.58 | 1.85 | 7.17 | 6.73 | 8.02 | 14 |
| 15 | 4.708 | 4.048 | 3.708 | 35.8 | 11.9 | 7.63 | 3.75 | 1.73 | 1.97 | 6.70 | 6.50 | 8.08 | 15 |
| 16 | 4.608 | 4.048 | 3.698 | 36.7 | 11.1 | 7.29 | 3.35 | 1.74 | 2.02 | 6.36 | 6.44 | 8.80 | 16 |
| 17 | 4.458 | 4.048 | 3.678 | 35.7 | 10.6 | 6.91 | 3.14 | 1.70 | 2.00 | 6.19 | 6.52 | 8.85 | 17 |
| 18 | 4.428 | 4.048 | 3.658 | 34.3 | 10.5 | 6.59 | 3.11 | 1.81 | 1.92 | 5.92 | 6.55 | 8.20 | 18 |
| 19 | 4.418 | 4.048 | 3.658 | 32.0 | 10.4 | 6.33 | 3.15 | 1.74 | 1.88 | 5.75 | 6.54 | 9.05 | 19 |
| 20 | 4.408 | 4.048 | 3.698 | 31.0 | 9.90 | 5.81 | 3.09 | 1.91 | 1.89 | 5.40 | 6.40 | 9.49 | 20 |
| 21 | 4.378 | 4.048 | 3.808 | 28.6 | 9.68 | 5.36 | 2.93 | 1.82 | 2.09 | 5.32 | 5.99 | 9.53 | 21 |
| 22 | 4.308 | 4.048 | 3.98 | 27.0 | 10.2 | 5.07 | 2.82 | 1.84 | 2.26 | 5.08 | 6.03 | 9.58 | 22 |
| 23 | 4.268 | 4.048 | 4.27 | 25.7 | 11.5 | 4.90 | 2.82 | 1.89 | 2.39 | 5.13 | 6.10 | 9.16 | 23 |
| 24 | 4.258 | 4.048 | 4.50 | 24.8 | 12.9 | 4.77 | 3.05 | 1.75 | 2.27 | 4.84 | 6.27 | 8.84 | 24 |
| 25 | 4.238 | 4.048 | 4.88 | 23.8 | 12.8 | 4.49 | 3.85 | 1.58 | 2.03 | 4.71 | 6.15 | 9.08 | 25 |
| 26 | 4.228 | 4.038 | 5.04 | 22.5 | 12.7 | 4.38 | 3.85 | 1.58 | 1.90 | 4.78 | 5.88 | 8.38 | 26 |
| 27 | 4.218 | 4.028 | 5.41 | 22.2 | 13.7 | 4.27 | 3.55 | 1.51 | 1.88 | 4.82 | 5.53 | 8.91 | 27 |
| 28 | 4.218 | 4.018 | 5.83 | 23.0 | 14.4 | 4.31 | 3.86 | 1.45 | 1.73 | 4.83 | 5.87 | 7.80 | 28 |
| 29 | 4.208 |  | 6.56 | 23.9 | 14.3 | 4.31 | 3.97 | 1.43 | 1.93 | 4.82 | 5.92 | 7.52 | 29 |
| 30 | 4.198 |  | 8.18 | 25.4 | 14.0 | 4.23 | 3.78 | 1.31 | 2.40 | 5.05 | 6.03 | 6.83 | 30 |
| 31 | 4.188 |  | 9.95 |  | 13.2 |  | 2.84 | 1.34 |  | 5.24 |  | 7.43 | 31 |
| TOTAL | 150.17 | 114.04 | 139.10 | 777.4 | 459.88 | 228.83 | 115.31 | 58.77 | 53.43 | 196.09 | 195.72 | 235.96 | TOTAL |
| MEAN | 4.84 | 4.07 | 4.49 | 25.9 | 14.8 | 7.62 | 3.72 | 1.90 | 1.78 | 6.33 | 6.52 | 7.61 | MEAN |
| MAX | 6.33 | 4.17 | 9.95 | 36.6 | 26.2 | 13.1 | 4.79 | 2.53 | 2.40 | 10.3 | 8.07 | 9.58 | MAX |
| MIN | 4.18 | 4.01 | 3.95 | 12.3 | 9.68 | 4.23 | 2.84 | 1.31 | 1.12 | 2.55 | 5.30 | 5.43 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.46
MAXIMUM DAILY, 36.6 ON APR 15
MINIMUM DAILY, 1.12 ON SEP 6
MAXIMUM INSTANTANEOUS,
37.2 AT 20:16 EST ON APR 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 58 13 N
LONG 80 27 27 W
DRAINAGE AREA, 1 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 13 000 | JUL | 9 950 |
| FEB | 9 850 | AUG | 5 040 |
| MAR | 12 000 | SEP | 4 620 |
| APR | 67 200 | OCT | 16 900 |
| MAY | 39 700 | NOV | 16 900 |
| JUN | 19 700 | DEC | 20 400 |

TOTAL DISCHARGE, 235 000 dam³

## STURGEON RIVER NEAR GLEN AFTON - STATION NO. 02DC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17.98 | 14.68 | 13.78 | 39.08 | 50.0 | 32.6 | 16.5 | 8.57 | 11.3 | 10.6 | 11.0 | 14.4 | 1 |
| 2 | 17.89 | 14.78 | 13.68 | 42.3 | 49.1 | 32.3 | 16.2 | 8.42 | 10.9 | 11.9 | 10.9 | 14.68 | 2 |
| 3 | 17.68 | 14.78 | 13.68 | 43.5 | 47.6 | 32.7 | 16.0 | 8.49 | 10.7 | 12.6 | 11.3 | 14.98 | 3 |
| 4 | 17.58 | 14.68 | 13.58 | 44.7 | 46.0 | 31.5 | 16.1 | 8.44 | 10.4 | 14.0 | 12.3 | 14.28 | 4 |
| 5 | 17.38 | 14.68 | 13.58 | 46.4 | 44.1 | 29.6 | 16.2 | 8.31 | 10.2 | 15.7 | 13.9 | 15.1 | 5 |
| 6 | 17.28 | 14.58 | 13.48 | 49.4 | 41.7 | 28.7 | 16.1 | 8.09 | 9.91 | 18.3 | 15.3 | 14.78 | 6 |
| 7 | 17.18 | 14.58 | 13.38 | 54.2 | 39.3 | 28.9 | 15.6 | 8.08 | 9.84 | 21.5 | 15.6 | 14.68 | 7 |
| 8 | 16.98 | 14.48 | 13.38 | 59.3 | 36.9 | 30.0 | 15.9 | 8.61 | 9.51 | 22.0 | 15.5 | 15.08 | 8 |
| 9 | 16.88 | 14.48 | 13.28 | 62.2 | 35.3 | 29.3 | 15.0 | 9.00 | 12.1 | 21.6 | 15.6 | 15.9 | 9 |
| 10 | 16.78 | 14.48 | 13.18 | 63.6 | 33.5 | 29.0 | 15.8 | 9.12 | 11.9 | 20.0 | 15.6 | 15.9 | 10 |
| 11 | 16.68 | 14.38 | 13.08 | 66.7 | 32.6 | 28.6 | 16.3 | 8.85 | 11.7 | 18.8 | 14.7 | 15.6 | 11 |
| 12 | 16.58 | 14.38 | 12.98 | 69.4 | 31.2 | 28.6 | 15.8 | 8.88 | 12.0 | 17.4 | 14.1 | 21.1 | 12 |
| 13 | 16.48 | 14.28 | 12.98 | 71.6 | 29.7 | 28.6 | 15.3 | 8.67 | 12.2 | 16.8 | 14.3 | 22.9 | 13 |
| 14 | 16.38 | 14.28 | 12.88 | 72.2 | 28.2 | 28.6 | 14.5 | 8.88 | 11.9 | 15.7 | 13.6 | 23.4 | 14 |
| 15 | 16.28 | 14.28 | 12.68 | 72.3 | 29.1 | 28.0 | 14.0 | 9.53 | 11.8 | 15.0 | 13.2 | 23.2 | 15 |
| 16 | 16.18 | 14.18 | 12.78 | 72.0 | 28.8 | 26.3 | 13.6 | 9.38 | 11.8 | 14.4 | 13.0 | 24.78 | 16 |
| 17 | 16.08 | 14.18 | 12.78 | 71.3 | 28.0 | 25.2 | 12.7 | 9.84 | 12.3 | 13.8 | 13.0 | 27.98 | 17 |
| 18 | 15.98 | 14.08 | 12.68 | 69.3 | 27.9 | 24.9 | 11.8 | 9.75 | 12.0 | 12.9 | 13.7 | 31.58 | 18 |
| 19 | 15.88 | 14.08 | 12.68 | 66.2 | 25.8 | 23.5 | 11.2 | 9.95 | 12.0 | 11.8 | 14.0 | 32.08 | 19 |
| 20 | 15.68 | 14.08 | 12.68 | 63.3 | 26.2 | 22.5 | 11.0 | 10.1 | 12.1 | 11.4 | 13.9 | 29.88 | 20 |
| 21 | 15.78 | 14.08 | 12.68 | 60.9 | 25.0 | 21.8 | 10.6 | 10.2 | 12.5 | 10.9 | 12.7 | 27.7 | 21 |
| 22 | 15.68 | 14.08 | 12.58 | 56.8 | 25.1 | 20.5 | 10.1 | 10.4 | 12.6 | 10.5 | 10.1 | 26.9 | 22 |
| 23 | 15.58 | 14.08 | 12.4 | 53.2 | 27.4 | 19.7 | 9.78 | 10.7 | 13.1 | 10.2 | 13.2 | 26.3 | 23 |
| 24 | 15.48 | 13.98 | 13.28 | 50.6 | 30.3 | 19.5 | 9.48 | 10.7 | 13.2 | 10.2 | 15.2 | 26.28 | 24 |
| 25 | 15.38 | 13.98 | 14.28 | 48.7 | 31.0 | 19.0 | 9.98 | 11.0 | 14.0 | 10.1 | 14.7 | 26.0 | 25 |
| 26 | 15.28 | 13.88 | 16.08 | 46.2 | 30.8 | 17.7 | 10.3 | 10.7 | 14.1 | 9.81 | 14.88 | 25.48 | 26 |
| 27 | 15.18 | 13.88 | 19.3 | 45.0 | 31.7 | 17.2 | 10.4 | 10.5 | 13.6 | 10.1 | 14.28 | 25.18 | 27 |
| 28 | 15.18 | 13.78 | 21.8 | 46.5 | 33.2 | 17.1 | 9.99 | 10.6 | 12.9 | 10.4 | 13.2 | 24.88 | 28 |
| 29 | 15.08 |  | 24.6 | 47.9 | 33.7 | 17.4 | 9.80 | 11.0 | 12.0 | 10.5 | 13.4 | 24.48 | 29 |
| 30 | 15.08 |  | 30.9 | 49.5 | 32.5 | 17.2 | 9.13 | 11.4 | 10.9 | 10.8 | 13.6 | 24.08 | 30 |
| 31 | 14.98 |  | 36.3 |  | 31.7 |  | 8.72 | 11.4 |  | 10.9 |  | 23.88 | 31 |
| TOTAL | 502.2 | 398.1 | 476.0 | 1 704.3 | 1 044.7 | 756.4 | 406.88 | 297.56 | 355.05 | 430.61 | 409.4 | 686.8 | TOTAL |
| MEAN | 16.2 | 14.2 | 15.4 | 56.8 | 33.7 | 25.2 | 13.1 | 9.60 | 11.8 | 13.9 | 13.6 | 22.2 | MEAN |
| MAX | 17.9 | 14.8 | 36.3 | 72.3 | 50.0 | 32.7 | 16.9 | 11.4 | 14.1 | 22.0 | 15.6 | 32.0 | MAX |
| MIN | 14.9 | 13.7 | 12.5 | 39.0 | 25.0 | 17.1 | 8.72 | 8.08 | 9.51 | 9.81 | 10.1 | 14.2 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.5
MAXIMUM DAILY, 72.3 ON APR 15
MINIMUM DAILY, 8.08 ON AUG 7
MAXIMUM INSTANTANEOUS,
73.4 AT 18:00 EST ON APR 14

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 12 N
LONG 80 15 53 W
DRAINAGE AREA, 2 880 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 43 400 | JUL | 35 100 |
| FEB | 34 400 | AUG | 25 700 |
| MAR | 41 100 | SEP | 30 700 |
| APR | 147 000 | OCT | 37 200 |
| MAY | 90 300 | NOV | 35 400 |
| JUN | 65 400 | DEC | 59 300 |

TOTAL DISCHARGE, 565 000 dam³

## SYDENHAM RIVER AT FLORENCE - STATION NO 02GG003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.1 | 5.508 | 30.6 | 17.6 | 4.02 | 1.53 | 0.935 | 0.478 | 0.872 | 1.27 | 3.60 | 27.5 | 1 |
| 2 | 13.3 | 5.298 | 71.6 | 27.7 | 3.71 | 2.04 | 0.901 | 0.515 | 0.875 | 1.25 | 3.31 | 18.9 | 2 |
| 3 | 12.5 | 5.058 | 78.7 | 37.4 | 3.45 | 11.1 | 0.877 | 0.886 | 0.833 | 1.42 | 3.06 | 14.7 | 3 |
| 4 | 11.2 | 4.908 | 58.4 | 30.8 | 3.25 | 7.86 | 0.861 | 0.980 | 0.791 | 1.47 | 2.93 | 12.9 | 4 |
| 5 | 9.78 | 4.788 | 34.8 | 35.6 | 3.04 | 3.77 | 0.830 | 1.19 | 0.805 | 1.42 | 2.70 | 11.5 | 5 |
| 6 | 9.04 | 4.658 | 30.7 | 56.6 | 2.91 | 2.54 | 0.822 | 1.22 | 0.765 | 1.89 | 2.62 | 10.4 | 6 |
| 7 | 9.83 | 4.538 | 44.3 | 56.4 | 2.84 | 1.97 | 0.926 | 1.16 | 0.717 | 1.89 | 2.22 | 9.40 | 7 |
| 8 | 10.3 | 4.598 | 82.4 | 37.2 | 2.59 | 1.71 | 0.910 | 1.18 | 0.697 | 1.57 | 2.14 | 10.4 | 8 |
| 9 | 10.5 | 4.638 | 87.8 | 26.5 | 2.59 | 1.48 | 0.881 | 1.48 | 0.686 | 1.45 | 2.16 | 23.2 | 9 |
| 10 | 9.81 | 4.308 | 46.0 B | 18.8 | 2.61 | 1.35 | 0.848 | 1.65 | 0.679 | 1.37 | 2.14 | 42.8 | 10 |
| 11 | 9.50 | 4.208 | 32.0 B | 14.3 | 2.54 | 1.21 | 0.849 | 1.33 | 0.821 | 1.47 | 2.09 | 33.3 | 11 |
| 12 | 9.14 | 4.458 | 24.0 | 13.0 | 2.56 | 1.28 | 0.781 | 1.23 | 0.958 | 1.51 | 2.02 | 25.5 | 12 |
| 13 | 8.77 | 4.308 | 17.3 | 17.1 | 2.46 | 1.35 | 0.732 | 1.11 | 0.984 | 1.59 | 1.93 | 28.5 | 13 |
| 14 | 8.85 | 4.188 | 13.7 | 18.7 | 2.51 | 1.28 | 0.824 | 1.03 | 0.881 | 1.51 | 1.89 | 21.6 | 14 |
| 15 | 24.0 A | 4.058 | 11.0 | 18.4 | 2.93 | 1.22 | 0.821 | 0.927 | 0.959 | 1.41 | 1.86 | 29.7 | 15 |
| 16 | 45.4 | 3.988 | 9.38 | 14.4 | 2.87 | 1.08 | 0.923 | 0.883 | 0.989 | 1.31 | 1.81 | 70.2 | 16 |
| 17 | 25.6 | 3.938 | 8.49 | 12.2 | 3.05 | 1.01 | 1.03 | 0.780 | 1.14 | 1.33 | 1.81 | 84.5 | 17 |
| 18 | 18.4 | 3.918 | 7.95 | 10.2 | 3.10 | 0.931 | 0.970 | 0.886 | 1.81 | 1.35 | 1.84 | 35.4 | 18 |
| 19 | 11.4 B | 3.898 | 7.68 | 8.76 | 2.88 | 0.882 | 0.918 | 0.674 | 2.00 | 1.34 | 1.80 | 23.9 | 19 |
| 20 | 10.5 B | 3.888 | 7.38 | 7.71 | 2.84 | 0.848 | 0.838 | 0.809 | 2.10 | 1.32 | 1.78 | 41.8 | 20 |
| 21 | 9.458 | 3.868 | 7.37 | 6.90 | 2.81 | 0.917 | 0.807 | 0.567 | 2.03 | 1.42 | 1.87 | 77.0 | 21 |
| 22 | 8.758 | 3.908 | 7.34 | 6.20 | 2.71 | 0.986 | 0.729 | 1.31 | 1.97 | 1.84 | 1.86 | 84.4 | 22 |
| 23 | 8.258 | 4.008 | 7.17 | 5.75 | 2.43 | 0.943 | 0.681 | 0.713 | 1.74 | 1.84 | 1.82 | 38.0 | 23 |
| 24 | 7.908 | 4.108 | 6.84 | 5.38 | 2.14 | 0.881 | 0.583 | 0.587 | 1.62 | 2.22 | 2.13 | 28.5 | 24 |
| 25 | 7.458 | 4.158 | 6.73 | 4.86 | 1.88 | 1.04 | 0.556 | 0.530 | 1.44 | 3.09 | 7.99 | 28.0 | 25 |
| 26 | 7.208 | 4.258 | 6.60 | 4.61 | 1.88 | 1.03 | 0.538 | 0.637 | 1.37 | 3.51 | 42.0 | 23.9 | 26 |
| 27 | 6.758 | 4.408 | 6.28 | 4.30 | 1.86 | 0.984 | 0.489 | 0.905 | 1.28 | 6.49 | 57.4 | 17.8 | 27 |
| 28 | 6.508 | 4.008 | 5.88 | 4.37 | 1.78 | 0.888 | 0.446 | 0.842 | 1.29 | 5.73 | 31.6 | 14.0 | 28 |
| 29 | 6.208 | | 5.67 | 4.37 | 1.86 | 0.879 | 0.436 | 0.812 | 1.10 | 7.46 | 24.0 | 11.7 | 29 |
| 30 | 5.958 | | 7.03 | 4.28 | 1.80 | 0.918 | 0.441 | 0.915 | 1.08 | 5.76 | 32.4 | 8.888 | 30 |
| 31 | 5.758 | | 13.2 | | 1.78 | | 0.431 | 0.901 | | 4.29 | | 7.738 | 31 |
| TOTAL | 385.87 | 125.57 | 744.28 | 530.45 | 80.88 | 55.843 | 23.584 | 28.817 | 35.263 | 73.19 | 247.78 | 879.61 | TOTAL |
| MEAN | 11.8 | 4.48 | 24.0 | 17.7 | 2.81 | 1.88 | 0.761 | 0.930 | 1.18 | 2.36 | 8.28 | 28.4 | MEAN |
| MAX | 45.4 | 5.00 | 78.7 | 56.6 | 4.02 | 11.1 | 1.03 | 1.88 | 2.10 | 7.46 | 57.4 | 77.0 | MAX |
| MIN | 5.75 | 3.88 | 5.67 | 4.28 | 1.80 | 0.848 | 0.431 | 0.478 | 0.679 | 1.25 | 1.82 | 7.73 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.74
MAXIMUM DAILY, 78.7 ON MAR 3
MINIMUM DAILY, 0.431 ON JUL 31
MAXIMUM INSTANTANEOUS,
81.4 AT 12:47 EST ON MAR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 39 00 N
LONG 82 00 32 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 31 800 | JUL | 2 040 |
| FEB | 10 800 | AUG | 2 490 |
| MAR | 84 300 | SEP | 3 050 |
| APR | 45 800 | OCT | 8 320 |
| MAY | 8 990 | NOV | 21 400 |
| JUN | 4 830 | DEC | 78 000 |

TOTAL DISCHARGE, 278 000 dam³

## SYDENHAM RIVER AT STRATHROY - STATION NO. 02GG005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.10 | 1.09 | 2.03 | 3.54 | 1.06 | 0.810E | 0.485 | 0.353 | 0.379 | 0.318 | 0.972 | 3.02 | 1 |
| 2 | 1.99 | 1.06 | 6.91 | 3.84 | 1.01 | 1.88 E | 0.377 | 0.585 | 0.403 | 0.397 | 0.845 | 2.40 | 2 |
| 3 | 1.94 | 1.06 | 7.91 | 4.85 | 0.961 | 2.95 E | 0.554 | 0.727 | 0.408 | 0.448 | 0.755 | 2.15 | 3 |
| 4 | 1.80 | 1.04 | 8.14 | 4.73 | 0.896 | 1.25 E | 0.591 | 0.659 | 0.382 | 0.419 | 0.711 | 2.09 | 4 |
| 5 | 1.94 | 0.998 | 6.74 | 6.880 | 0.800E | 0.588 | 0.621 | 0.351 | 0.321 | 0.377 | 2.02 | 1.94 | 5 |
| 6 | 1.48 | 0.993 | 3.58 | 13.1 | 0.738 | 0.670E | 0.586 | 0.555 | 0.381 | 0.309 | 0.854 | 1.94 | 6 |
| 7 | 1.51 | 0.884 | 7.49 | 10.7 | 0.828 | 0.800E | 0.593 | 0.456 | 0.377 | 0.310 | 0.835 | 1.85 | 7 |
| 8 | 1.57 | 1.06 | 18.8 | 6.26 | 0.793 | 0.670E | 0.573 | 0.470 | 0.393 | 0.384 | 0.888 | 2.86 | 8 |
| 9 | 1.59 | 0.878 | 18.5 | 3.57 | 0.821 | 0.550E | 0.581 | 0.574 | 0.393 | 0.409 | 0.887 | 4.09 | 9 |
| 10 | 1.60 | 0.947 | 10.5 | 2.51 | 0.927 | 0.530E | 0.555 | 0.588 | 0.409 | 0.423 | 0.880 | 5.46 | 10 |
| 11 | 1.56 | 0.872 | 7.22 | 2.25 | 0.875 | 0.505E | 0.534 | 0.541 | 0.452 | 0.386 | 0.708 | 7.08 | 11 |
| 12 | 1.50 | 0.867 | 4.20 | 2.36 | 0.830 | 0.519E | 0.582 | 0.497 | 0.534 | 0.396 | 0.701 | 4.82 | 12 |
| 13 | 1.48 | 0.873 | 2.50 | 2.88 | 0.829 | 0.520E | 0.516 | 0.453 | 0.502 | 0.413 | 0.878 | 3.51 | 13 |
| 14 | 1.43 | 0.840 | 2.26 | 2.80 | 0.875 | 0.500E | 0.503 | 0.439 | 0.411 | 0.437 | 0.888 | 2.86 | 14 |
| 15 | 2.38 | 0.779 | 2.07 | 2.28 | 1.04 | 0.495E | 0.538 | 0.387 | 0.397 | 0.407 | 0.875 | 4.29 | 15 |
| 16 | 4.31 | 0.875 | 1.93 | 2.13 | 1.01 | 0.470E | 0.509 | 0.380 | 0.389 | 0.424 | 0.702 | 8.02 | 16 |
| 17 | 4.33 | 0.837 | 1.87 | 1.98 | 0.943 | 0.480E | 0.461 | 0.368 | 0.395 | 0.427 | 0.710 | 8.94 | 17 |
| 18 | 2.65 | 0.832 | 1.86 | 1.88 | 0.898 | 0.450A | 0.434 | 0.354 | 0.385 | 0.472 | 0.691 | 6.25 | 18 |
| 19 | 2.13 | 0.786 | 1.84 | 1.84 | 0.883 | 0.473 | 0.396 | 0.329 | 0.397 | 0.546 | 0.694 | 3.45 | 19 |
| 20 | 1.82 | 0.808 | 1.96 | 1.45 | 0.833 | 0.491 | 0.356 | 0.326 | 0.386 | 0.543 | 0.680 | 6.53 | 20 |
| 21 | 1.638 | 0.796 | 1.99 | 1.41 | 0.779 | 0.554 | 0.368 | 0.322 | 0.409 | 0.552 | 0.718 | 15.1 | 21 |
| 22 | 1.478 | 0.831 | 1.96 | 1.28 | 0.896 | 0.602 | 0.345 | 0.323 | 0.402 | 0.570 | 0.883 | 13.4 | 22 |
| 23 | 1.348 | 0.844 | 1.88 | 1.22 | 0.860 | 0.670 | 0.317 | 0.333 | 0.378 | 0.610 | 1.04 | 7.85 | 23 |
| 24 | 1.238 | 0.864 | 1.85 | 1.15 | 0.864 | 0.635 | 0.321 | 0.302 | 0.343 | 0.745 | 1.24 | 4.54 | 24 |
| 25 | 1.12 | 0.904 | 1.79 | 1.11 | 0.885 | 0.572 | 0.383 | 0.303 | 0.319 | 1.09 | 2.35 | 3.07 | 25 |
| 26 | 1.06 | 0.875 | 1.72 | 1.01 | 0.868 | 0.611 | 0.345 | 0.327 | 0.293 | 1.17 | 8.25 | 3.15 | 26 |
| 27 | 1.03 | 0.907 | 1.70 | 1.07 | 0.835A | 0.595 | 0.368 | 0.398 | 0.282 | 1.38 | 11.5 | 2.90 | 27 |
| 28 | 1.06 | 0.948 | 1.84 | 1.15 | 0.815E | 0.644 | 0.330 | 0.411 | 0.268 | 1.96 | 7.50 | 2.34 | 28 |
| 29 | 1.05 | | 1.51 | 1.18 | 0.800E | 0.646 | 0.321 | 0.435 | 0.290 | 1.67 | 4.31 | 2.07 | 29 |
| 30 | 1.09 | | 1.93 | 1.10 | 0.780E | 0.633 | 0.349 | 0.400 | 0.309 | 1.34 | 3.53 | 1.76 | 30 |
| 31 | 1.08 | | 3.00 | | 0.760E | | 0.349 | 0.409 | | 1.13 | | 1.53 | 31 |
| TOTAL | 53.98 | 25.901 | 137.90 | 93.12 | 24.892 | 21.851 | 14.038 | 13.815 | 11.398 | 20.405 | 56.497 | 142.17 | TOTAL |
| MEAN | 1.74 | 0.925 | 4.45 | 3.10 | 0.803 | 0.722 | 0.453 | 0.439 | 0.380 | 0.658 | 1.88 | 4.59 | MEAN |
| MAX | 4.33 | 1.09 | 18.5 | 13.1 | 1.06 | 2.95 | 0.593 | 0.727 | 0.534 | 1.96 | 11.5 | 15.1 | MAX |
| MIN | 1.03 | 0.779 | 1.26 | 1.01 | 0.760 | 0.450 | 0.317 | 0.302 | 0.282 | 0.309 | 0.835 | 1.53 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.65
MAXIMUM DAILY, 18.5 ON MAR 9
MINIMUM DAILY, 0.282 ON SEP 27
MAXIMUM INSTANTANEOUS,
25.6 AT 20:30 EST ON MAR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 35 N
LONG 81 37 42 W
DRAINAGE AREA, 172 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 650 | JUL | 1 210 |
| FEB | 2 240 | AUG | 1 *80 |
| MAR | 11 900 | SEP | 985 |
| APR | 8 050 | OCT | 1 760 |
| MAY | 2 150 | NOV | 4 880 |
| JUN | 1 870 | DEC | 12 300 |

TOTAL DISCHARGE 53 200 dam³

## SYDENHAM RIVER AT WALLACEBURG - STATION NO 02GG008

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.845 | 5.870 | 5.773 | 5.777 | 5.732 | 5.733 | 5.711 | 5.658 | 5.630 | 5.582 | 5.404 | 5.401 | 1 |
| 2 | 5.848 | 5.782 | 5.809 | 5.826 | 5.714 | 5.736 | 5.716 | 5.671 | 5.603 | 5.581 | 5.406 | 5.464 | 2 |
| 3 | 5.856 | 5.787 | 5.897 | 5.737 | 5.705 | 5.750 | 5.760 | 5.655 | 5.600 | 5.494 | 5.424 | 5.397 | 3 |
| 4 | 5.850 | 5.802 | 5.870 | 5.632 | 5.700 | 5.731 | 5.737 | 5.656 | 5.595 | 5.529 | 5.430 | 5.385 | 4 |
| 5 | 5.841 | 5.783 | 5.829 | 5.750 | 5.716 | 5.725 | 5.728 | 5.642 | 5.593 | 5.526 | 5.438 | 5.404 | 5 |
| 6 | 5.842 | 5.778 | 5.788 | 5.858 | 5.721 | 5.717 | 5.745 | 5.653 | 5.587 | 5.492 | 5.438 | 5.376 | 6 |
| 7 | 5.849 | 5.758 | 5.785 | 5.878 | 5.705 | 5.741 | 5.745 | 5.656 | 5.574 | 5.477 | 5.406 | 5.356 | 7 |
| 8 | 5.855 | 5.823 | 5.802 | 5.853 | 5.708 | 5.727 | 5.741 | 5.646 | 5.574 | 5.485 | 5.400 | 5.358 | 8 |
| 9 | 5.839 | 5.808 | 5.712 | 5.837 | 5.737 | 5.691 | 5.728 | 5.671 | 5.575 | 5.519 | 5.370 | 5.451 | 9 |
| 10 | 5.845 | 5.775 | 5.779 | 5.809 | 5.715 | 5.703 | 5.747 | 5.658 | 5.563 | 5.444 | 5.384 | 5.428 | 10 |
| 11 | 5.863 | 5.780 | 5.748 | 5.798 | 5.725 | 5.711 | 5.740 | 5.648 | 5.584 | 5.454 | 5.379 | 5.438 | 11 |
| 12 | 5.839 | 5.782 | 5.873 | 5.788 | 5.684 | 5.723 | 5.742 | 5.645 | 5.592 | 5.453 | 5.405 | 5.487 | 12 |
| 13 | 5.814 | 5.764 | 5.815 | 5.769 | 5.689 | 5.695 | 5.727 | 5.650 | 5.595 | 5.442 | 5.361 | 5.442 | 13 |
| 14 | 5.822 | 5.822 | 5.809 | 5.787 | 5.720 | 5.717 | 5.729 | 5.682 | 5.588 | 5.450 | 5.344 | 5.383 | 14 |
| 15 | 5.846 | 5.773 | 5.860 | 5.778 | 5.690 | 5.684 | 5.724 | 5.654 | 5.589 | 5.424 | 5.330 | 5.408 | 15 |
| 16 | 5.873 | 5.636 | 5.823 | 5.773 | 5.706 | 5.690 | 5.723 | 5.688 | 5.583 | 5.413 | 5.322 | 5.587 | 16 |
| 17 | 5.850 | 5.576 | 5.743 | 5.777 | 5.707 | 5.690 | 5.730 | 5.681 | 5.592 | 5.458 | 5.362 | 5.518 | 17 |
| 18 | 5.857 | 5.548 | 5.784 | 5.770 | 5.687 | 5.695 | 5.721 | 5.643 | 5.589 | 5.433 | 5.421 | 5.506 | 18 |
| 19 | 5.813 | 5.536 | 5.798 | 5.758 | 5.690 | 5.688 | 5.723 | 5.652 | 5.594 | 5.398 | 5.422 | 5.481 | 19 |
| 20 | 5.909 | 5.540 | 5.682 | 5.746 | 5.701 | 5.693 | 5.722 | 5.636 | 5.597 | 5.401 | 5.331 | 5.533 | 20 |
| 21 | 5.869 | 5.569 | 5.574 | 5.705 | 5.701 | 5.694 | 5.708 | 5.669 | 5.586 | 5.449 | 5.328 | 5.582 | 21 |
| 22 | 5.828 | 5.626 | 5.621 | 5.722 | 5.713 | 5.748 | 5.701 | 5.675 | 5.570 | 5.482 | 5.339 | 5.536 | 22 |
| 23 | 5.866 | 5.640 | 5.556 | 5.763 | 5.695 | 5.730 | 5.707 | 5.662 | 5.601 | 5.426 | 5.333 | 5.485 | 23 |
| 24 | 5.862 | 5.618 | 5.586 | 5.672 | 5.681 | 5.723 | 5.715 | 5.647 | 5.588 | 5.413 | 5.312 | 5.449 | 24 |
| 25 | 5.838 | 5.636 | 5.656 | 5.709 | 5.689 | 5.728 | 5.723 | 5.642 | 5.583 | 5.417 | 5.328 | 5.484 | 25 |
| 26 | 5.857 | 5.660 | 5.683 | 5.727 | 5.697 | 5.741 | 5.717 | 5.621 | 5.579 | 5.414 | 5.406 | 5.445 | 26 |
| 27 | 5.834 | 5.672 | 5.852 | 5.738 | 5.698 | 5.741 | 5.693 | 5.643 | 5.564 | 5.483 | 5.428 | 5.442 | 27 |
| 28 | 5.817 | 5.675 | 5.648 | 5.748 | 5.685 | 5.735 | 5.696 | 5.648 | 5.631 | 5.466 | 5.423 | 5.380 | 28 |
| 29 | 5.816 | | 5.653 | 5.748 | 5.695 | 5.735 | 5.680 | 5.656 | 5.556 | 5.446 | 5.441 | 5.420 | 29 |
| 30 | 5.831 | | 5.672 | 5.733 | 5.716 | 5.717 | 5.675 | 5.661 | 5.648 | 5.441 | 5.489 | 5.431 | 30 |
| 31 | 5.887 | | 5.737 | | 5.731 | | 5.657 | 5.652 | | 5.413 | | 5.480 | 31 |
| MEAN | 5.868 | 5.707 | 5.708 | 5.784 | 5.705 | 5.718 | 5.720 | 5.653 | 5.581 | 5.458 | 5.387 | 5.464 | MEAN |
| MAX | 5.957 | 5.872 | 5.909 | 5.878 | 5.737 | 5.750 | 5.760 | 5.675 | 5.630 | 5.581 | 5.489 | 5.808 | MAX |
| MIN | 5.813 | 5.536 | 5.621 | 5.632 | 5.684 | 5.684 | 5.657 | 5.631 | 5.631 | 5.396 | 5.312 | 5.356 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 5.643
MAXIMUM DAILY, 5.957 ON JAN 26
MINIMUM DAILY, 5.312 ON NOV 24
MAXIMUM INSTANTANEOUS,
5.983 AT 14:26 EST ON DEC 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 35 34 N
LONG 82 23 05 W

NATURAL FLOW

DRAINAGE AREA,
2 680 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 170.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA DOES NOT ACCOUNT FOR RUNNING CREEK (NATURAL DIVERSION)

## SYDENHAM RIVER NEAR ALVINSTON - STATION NO 02GG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.14 | 3.458 | 28.0 B | 11.4 | 2.88 | 1.82 | 0.852 | 0.301 | 0.634 | 0.802 | 2.17 | 14.2 | 1 |
| 2 | 7.62 | 3.308 | 85.0 B | 20.7 | 2.57 | 5.08 | 0.783 | 0.470 | 0.691 | 0.845 | 1.88 | 10.5 | 2 |
| 3 | 7.13 | 3.208 | 48.1 B | 24.7 | 2.47 | 5.21 | 0.683 | 0.776 | 0.645 | 0.833 | 1.78 | 8.40 | 3 |
| 4 | 6.23 | 3.108 | 29.4 B | 19.0 | 2.38 | 2.68 | 0.649 | 1.23 | 0.634 | 1.04 | 1.61 | 7.18 | 4 |
| 5 | 5.81 | 3.008 | 22.3 B | 26.8 | 2.26 | 1.98 | 0.788 | 0.977 | 0.617 | 1.80 | 1.54 | 6.71 | 5 |
| 6 | 5.65 | 2.958 | 24.5 B | 44.2 | 2.17 | 1.64 | 0.778 | 0.846 | 0.809 | 1.25 | 1.46 | 6.18 | 6 |
| 7 | 5.27 | 2.858 | 41.7 | 31.9 | 1.85 | 1.51 | 0.730 | 0.784 | 0.685 | 1.13 | 1.42 | 5.86 | 7 |
| 8 | 5.88 | 2.908 | 57.8 | 24.8 | 2.02 | 1.39 | 0.688 | 0.689 | 0.650 | 1.03 | 1.35 | 7.84 | 8 |
| 9 | 5.94 | 3.008 | 46.8 | 16.8 | 1.97 | 1.26 | 0.674 | 0.847 | 0.642 | 0.979 | 1.32 | 25.7 | 9 |
| 10 | 5.59 | 2.758 | 33.0 B | 11.9 | 1.83 | 1.18 | 0.616 | 0.813 | 0.630 | 1.07 | 1.26 | 30.0 | 10 |
| 11 | 5.80 | 2.658 | 22.5 B | 8.62 | 1.84 | 1.15 | 0.593 | 1.08 | 0.688 | 1.21 | 1.33 | 17.1 | 11 |
| 12 | 5.41 | 2.808 | 16.6 | 7.80 | 1.84 | 1.19 | 0.585 | 0.930 | 0.642 | 1.24 | 1.30 | 16.4 | 12 |
| 13 | 5.25 | 2.688 | 12.4 | 12.2 | 1.75 | 1.23 | 0.582 | 0.844 | 0.788 | 1.17 | 1.30 | 16.4 | 13 |
| 14 | 5.32 | 2.608 | 8.87 | 12.2 | 1.74 | 1.14 | 0.789 | 0.783 | 0.778 | 1.04 | 1.31 | 12.1 | 14 |
| 15 | 18.5 | 2.938 | 7.02 | 10.3 | 1.68 | 1.05 | 0.886 | 0.707 | 0.714 | 1.01 | 1.31 | 22.3 | 15 |
| 16 | 26.8 | 3.488 | 5.11 | 8.68 | 2.18 | 0.900 | 0.870 | 0.682 | 0.680 | 0.981 | 1.26 | 50.7 | 16 |
| 17 | 13.5 B | 2.488 | 5.84 | 7.07 | 2.20 | 0.859 | 0.801 | 0.827 | 0.786 | 0.897 | 1.22 | 27.5 | 17 |
| 18 | 10.0 B | 2.478 | 5.32 | 5.84 | 2.00 | 0.811 | 0.748 | 0.559 | 1.05 | 1.02 | 1.12 | 18.8 | 18 |
| 19 | 7.808 | 2.488 | 5.08 | 5.08 | 1.87 | 0.777 | 0.682 | 0.558 | 1.26 | 1.11 | 1.18 | 15.8 | 19 |
| 20 | 6.508 | 2.458 | 4.88 | 4.51 | 1.81 | 0.724 | 0.613 | 0.543 | 1.38 | 1.18 | 1.14 | 35.2 | 20 |
| 21 | 5.908 | 2.448 | 5.15 | 4.12 | 1.77 | 0.758 | 0.581 | 0.484 | 1.26 | 1.08 | 0.894 | 51.7 | 21 |
| 22 | 5.408 | 2.528 | 5.06 | 3.75 | 1.71 | 0.784 | 0.523 | 0.493 | 1.21 | 1.18 | 0.984 | 26.8 | 22 |
| 23 | 5.108 | 2.608 | 4.91 | 3.52 | 1.88 | 0.848 | 0.480 | 0.500 | 1.09 | 1.18 | 1.38 | 25.5 | 23 |
| 24 | 4.808 | 2.688 | 4.71 | 3.38 | 1.81 | 0.848 | 0.445 | 0.486 | 1.15 | 1.38 | 2.57 | 18.7 | 24 |
| 25 | 4.808 | 2.788 | 4.80 | 3.17 | 1.58 | 0.819 | 0.481 | 0.450 | 1.06 | 2.21 | 13.4 | 14.9 | 25 |
| 26 | 4.408 | 2.988 | 4.42 | 2.84 | 1.58 | 0.830 | 0.486 | 0.423 | 0.903 | 3.58 | 48.7 | 12.4 | 26 |
| 27 | 4.208 | 3.158 | 4.33 | 2.78 | 1.54 | 0.735 | 0.482 | 0.527 | 0.645 | 3.08 | 26.4 | 9.87 | 27 |
| 28 | 4.008 | 3.508 | 4.07 | 2.87 | 1.49 | 0.772 | 0.414 | 0.783 | 0.776 | 5.37 | 16.1 | 8.25 | 28 |
| 29 | 3.858 | | 3.83 | 2.97 | 1.41 | 0.827 | 0.403 | 0.763 | 0.806 | 4.38 | 16.3 | 6.108 | 29 |
| 30 | 3.708 | | 4.72 | 2.85 | 1.35 | 0.852 | 0.321 | 0.732 | 0.772 | 3.01 | 22.0 | 4.908 | 30 |
| 31 | 3.558 | | 11.0 | | 1.32 | | 0.273 | 0.662 | | 2.47 | | 4.308 | 31 |
| TOTAL | 217.24 | 78.70 | 544.74 | 345.77 | 58.54 | 41.967 | 19.108 | 21.437 | 24.841 | 50.496 | 180.038 | 543.69 | TOTAL |
| MEAN | 7.01 | 2.81 | 17.6 | 11.5 | 1.89 | 1.40 | 0.616 | 0.692 | 0.821 | 1.63 | 6.00 | 17.5 | MEAN |
| MAX | 26.8 | 3.50 | 85.0 | 44.2 | 2.88 | 5.21 | 0.886 | 1.23 | 1.38 | 5.37 | 48.7 | 51.7 | MAX |
| MIN | 3.55 | 2.44 | 3.83 | 2.78 | 1.32 | 0.724 | 0.273 | 0.301 | 0.630 | 0.802 | 0.894 | 4.20 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.83
MAXIMUM DAILY, 85.08 ON MAR 2
MINIMUM DAILY, 0.273 ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 49 48 N
LONG 81 51 05 W
DRAINAGE AREA 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 18 800 | JUL | 1 650 |
| FEB | 6 800 | AUG | 1 850 |
| MAR | 47 100 | SEP | 2 130 |
| APR | 30 000 | OCT | 4 350 |
| MAY | 5 050 | NOV | 15 600 |
| JUN | 3 630 | DEC | 47 000 |

TOTAL DISCHARGE, 184 000 dam³

## SYDENHAM RIVER NEAR OWEN SOUND - STATION NO. 02FB007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.42 | 2.608 | 1.98 | 11.0 | 2.42 | 2.41 | 1.08 | 0.685 | 0.956 | 2.85 | 3.00 | 12.0 E | 1 |
| 2 | 3.21 | 2.538 | 3.01 | 9.27 | 2.25 | 2.55 | 0.958 | 0.819 | 0.852 | 2.99 | 2.53 | 10.0 E | 2 |
| 3 | 2.99 | 2.478 | 3.23 | 8.51 | 2.13 | 2.98 | 0.909 | 1.04 | 0.781 | 2.74 | 2.71 | 9.00E | 3 |
| 4 | 2.83 | 2.388 | 3.59 | 8.05 | 2.01 | 3.09 | 0.889 | 0.899 | 0.723 | 2.29 | 3.25 | 7.50E | 4 |
| 5 | 2.73 | 2.308 | 3.58 | 9.01 | 1.98 | 2.54 | 0.847 | 0.773 | 0.689 | 1.98 | 3.89 | 6.60E | 5 |
| 6 | 2.55 | 2.208 | 3.42 | 12.3 | 1.86 | 2.15 | 0.995 | 0.737 | 0.888 | 1.78 | 4.29 | 6.00E | 6 |
| 7 | 2.52 | 2.108 | 3.87 | 11.6 | 1.83 | 1.98 | 2.01 | 0.751 | 0.871 | 1.88 | 4.05 | 5.80E | 7 |
| 8 | 2.56 | 2.008 | 8.28 | 9.35 | 1.78 | 1.91 | 2.77 | 0.808 | 0.862 | 1.84 | 4.44 | 5.20E | 8 |
| 9 | 2.81 | 1.988 | 8.82 | 7.70 | 1.84 | 1.80 | 2.85 | 0.829 | 0.843 | 1.49 | 4.05 | 5.10E | 9 |
| 10 | 2.52 | 1.988 | 9.67 | 8.55 | 1.98 | 1.88 | 2.40 | 0.901 | 0.832 | 1.39 | 6.84 | 9.70E | 10 |
| 11 | 2.53 | 1.988 | 9.85 | 5.91 | 1.71 | 1.53 | 1.85 | 0.808 | 0.852 | 1.31 | 5.61 | 8.80E | 11 |
| 12 | 2.54 | 1.988 | 7.84 | 5.84 | 1.90 | 1.80 | 1.48 | 0.778 | 0.870 | 1.23 | 4.24 | 7.40E | 12 |
| 13 | 2.54 | 1.988 | 6.00 | 5.21 | 1.78 | 1.45 | 1.27 | 0.786 | 0.872 | 1.18 | 3.42 | 6.80E | 13 |
| 14 | 2.57 | 1.958 | 4.65 | 4.80 | 1.88 | 1.38 | 1.32 | 0.870 | 0.881 | 1.12 | 2.91 | 6.90E | 14 |
| 15 | 2.78 | 1.938 | 3.78 | 4.58 | 1.86 | 1.25 | 1.31 | 2.02 | 0.829 | 1.07 | 2.80E | 5.20E | 15 |
| 16 | 2.62 | 1.938 | 3.48 | 4.62 | 1.81 | 1.19 | 1.17 | 2.21 | 0.896 | 1.03 | 2.77E | 4.05A | 16 |
| 17 | 2.75 | 1.928 | 3.35 | 4.14 | 1.84 | 1.12 | 1.04 | 1.81 | 0.898 | 0.989 | 2.75E | 3.81 | 17 |
| 18 | 2.43 | 1.918 | 3.30 | 3.77 | 1.45 | 1.08 | 0.947 | 1.38 | 0.774 | 1.03 | 2.73E | 3.80 | 18 |
| 19 | 2.48 | 1.898 | 3.75 | 3.41 | 1.48 | 0.988 | 0.943 | 1.09 | 0.787 | 1.07 | 2.70E | 3.31 | 19 |
| 20 | 2.42 | 1.878 | 4.49 | 3.20 | 1.44 | 0.984 | 1.93 | 1.04 | 0.811 | 1.20 | 3.50E | 3.47 | 20 |
| 21 | 2.408 | 1.88 | 5.61 | 2.89 | 1.45 | 0.970 | 2.37 | 0.979 | 1.39 | 1.54 | 3.70E | 5.20 | 21 |
| 22 | 2.408 | 1.86 | 7.17 | 2.74 | 2.09 | 1.20 | 1.85 | 0.915 | 1.74 | 1.67 | 3.30E | 6.16 | 22 |
| 23 | 2.408 | 1.92 | 9.24 | 2.70 | 2.36 | 1.31 | 1.38 | 0.836 | 1.75 | 2.01 | 4.00E | 5.97 | 23 |
| 24 | 2.408 | 2.08 | 10.7 | 2.67 | 2.11 | 1.15 | 1.11 | 0.776 | 1.48 | 2.48 | 7.00E | 5.20 | 24 |
| 25 | 2.388 | 2.14 | 11.3 | 2.52 | 1.92 | 1.03 | 0.987 | 0.729 | 1.25 | 3.45 | 9.40E | 5.80 | 25 |
| 26 | 2.408 | 1.93 | 12.5 | 2.39 | 1.89 | 1.09 | 0.907 | 0.709 | 1.12 | 3.50 | 7.40E | 7.73 | 26 |
| 27 | 2.408 | 1.90 | 12.6 | 2.33 | 2.07 | 1.11 | 0.836 | 0.683 | 0.987 | 3.80 | 6.80E | 5.50B | 27 |
| 28 | 2.428 | 1.73 | 10.5 | 2.68 | 1.93 | 1.00 | 0.796 | 0.683 | 1.07 | 4.50 | 5.10E | 4.20B | 28 |
| 29 | 2.458 | | 8.63 | 2.84 | 1.85 | 0.986 | 0.743 | 0.678 | 1.08 | 4.88 | 5.00E | 3.80B | 29 |
| 30 | 2.488 | | 9.86 | 2.85 | 1.47 | 1.18 | 0.711 | 0.678 | 1.51 | 4.40 | 4.98A | 3.50B | 30 |
| 31 | 2.538 | | 12.0 | | 1.40 | | 0.672 | 0.682 | | 3.77 | | 3.30B | 31 |
| TOTAL | 80.25 | 57.19 | 207.72 | 184.84 | 56.01 | 48.558 | 41.082 | 28.547 | 27.807 | 67.599 | 135.85 | 185.80 | TOTAL |
| MEAN | 2.59 | 2.04 | 6.70 | 6.49 | 1.81 | 1.55 | 1.33 | 0.953 | 0.920 | 2.18 | 4.57 | 5.99 | MEAN |
| MAX | 3.42 | 2.80 | 12.6 | 12.3 | 2.42 | 3.09 | 2.77 | 2.21 | 1.75 | 4.85 | 9.40 | 12.0 | MAX |
| MIN | 2.38 | 1.73 | 1.98 | 2.33 | 1.40 | 0.954 | 0.672 | 0.685 | 0.698 | 0.989 | 2.53 | 3.30 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.02
MAXIMUM DAILY, 12.6 ON MAR 27
MINIMUM DAILY, 0.685 ON SEP 18
MAXIMUM INSTANTANEOUS,
13.8 AT 03:57 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 21 N
LONG 80 55 51 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 8 930 | JUL | 3 550 |
| FEB | 4 940 | AUG | 2 550 |
| MAR | 17 900 | SEP | 2 390 |
| APR | 14 200 | OCT | 5 840 |
| MAY | 4 840 | NOV | 11 800 |
| JUN | 4 020 | DEC | 16 100 |

TOTAL DISCHARGE, 95 100 dam³

## TAY RIVER AT PORT ELMSLEY - STATION NO. 02LA015

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.0 | 10.7 B | 9.158 | 28.9 | 11.2 | 6.72 | --- | --- | --- | --- | --- | --- | 1 |
| 2 | 13.8 B | 10.6 B | 9.408 | 28.2 | 10.9 | --- | --- | --- | --- | --- | --- | --- | 2 |
| 3 | 12.1 B | 10.6 B | 9.308 | 26.2 | 10.5 | --- | --- | --- | --- | --- | --- | --- | 3 |
| 4 | 13.3 B | 10.5 B | 9.208 | 24.2 | 10.1 | --- | --- | --- | --- | --- | --- | --- | 4 |
| 5 | 12.8 B | 10.5 B | 9.108 | 30.5 | 8.97 | --- | --- | --- | --- | --- | --- | --- | 5 |
| 6 | 12.2 B | 10.4 B | 9.058 | 37.7 | 8.54 | --- | --- | --- | --- | --- | --- | --- | 6 |
| 7 | 12.0 B | 10.4 B | 9.029 | 38.9 | 8.73 | --- | --- | --- | --- | --- | --- | --- | 7 |
| 8 | 11.9 B | 10.3 B | 9.008 | 35.3 | 8.65 | --- | --- | --- | --- | --- | --- | --- | 8 |
| 9 | 11.7 B | 10.3 B | 8.988 | 30.1 | 8.59 | --- | --- | --- | --- | --- | --- | --- | 9 |
| 10 | 11.4 | 10.2 B | 8.678 | 24.9 | 8.33 | --- | --- | --- | --- | --- | --- | --- | 10 |
| 11 | 11.3 B | 10.2 B | 8.788 | 20.7 | 8.18 | --- | --- | --- | --- | --- | --- | --- | 11 |
| 12 | 11.1 B | 10.1 B | 8.658 | 17.9 | 7.18 | --- | --- | --- | --- | --- | --- | --- | 12 |
| 13 | 10.7 B | 10.0 B | 8.258 | 11.7 | 6.78 | --- | --- | --- | --- | --- | --- | --- | 13 |
| 14 | 9.988 | 9.958 | 7.858 | 12.8 | 5.18 | --- | --- | --- | --- | --- | --- | --- | 14 |
| 15 | 9.958 | 9.888 | 7.458 | 13.7 | 5.48 | --- | --- | --- | --- | --- | --- | --- | 15 |
| 16 | 9.918 | 9.808 | 7.108 | 13.7 | 5.87 | --- | --- | --- | --- | --- | --- | --- | 16 |
| 17 | 9.878 | 9.738 | 6.758 | 13.6 | 5.90 | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | 9.858 | 9.688 | 6.748 | 13.1 | 5.64 | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | 10.6 B | 9.588 | 7.008 | 12.5 | 5.11 | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | 11.4 B | 9.508 | 7.708 | 12.4 | 4.88 | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | 11.3 B | 9.438 | 9.378 | 12.3 | 4.82 | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | 11.3 B | 9.388 | 12.3 B | 12.1 | 4.48 | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | 11.2 B | 9.288 | 20.5 B | 12.1 | 4.02 | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | 11.2 B | 9.208 | 29.5 | 12.1 | 3.73 | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | 11.1 B | 9.138 | 35.6 | 11.9 | 3.41 | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | 11.1 B | 9.058 | 39.4 | 11.5 | 2.84 | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | 11.0 B | 8.988 | 40.8 | 10.4 | 3.30 | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | 10.9 B | 8.908 | 37.9 | 10.5 | 2.56 | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | 10.9 B | | 33.4 | 11.1 | 4.65 | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | 10.8 B | | 29.3 | 11.5 | 5.84 | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | 10.8 B | | 27.8 | | 5.61 | | --- | --- | | --- | | --- | 31 |
| TOTAL | 351.57 | 276.21 | 483.53 | 582.3 | 198.61 | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 11.3 | 9.86 | 15.6 | 18.7 | 6.41 | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 14.0 | 10.7 | 40.8 | 38.9 | 11.2 | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 9.87 | 8.90 | 6.75 | 10.4 | 2.30 | --- | --- | --- | --- | --- | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 40.8 ON MAR 27

MAXIMUM INSTANTANEOUS
41.4 AT 08:58 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 53 34 N
LONG 76 07 25 W
DRAINAGE AREA, 785 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 30 400 | JUL | --- |
| FEB | 23 800 | AUG | --- |
| MAR | 41 800 | SEP | --- |
| APR | 48 600 | OCT | --- |
| MAY | 17 200 | NOV | --- |
| JUN | --- | DEC | --- |

REMARKS SEASONAL OPERATION (FRESHET-MAY 31) EFFECTIVE 1987

## TEESWATER RIVER NEAR PAISLEY - STATION NO. 02FC015

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9.93 | 5.848 | 5.848 | 33.8 | 6.50 | 3.08 | 3.75 | 1.08 | 1.47 | 3.62 | 12.0 | 32.1 | 1 |
| 2 | 9.52 | 5.678 | 7.088 | 31.5 | 5.83 | 2.89 | 3.01 | 1.81 | 1.81 | 3.18 | 10.4 | 30.7 | 2 |
| 3 | 7.918 | 5.908 | 9.008 | 29.7 | 5.65 | 2.84 | 2.47 | 1.92 | 1.39 | 2.83 | 10.0 | 28.0 | 3 |
| 4 | 7.628 | 5.958 | 11.5 B | 27.8 | 5.34 | 2.79 | 2.27 | 2.40 | 1.48 | 2.75 | 10.8 | 23.5 | 4 |
| 5 | 7.448 | 6.008 | 15.6 B | 24.8 | 5.06 | 2.62 | 2.18 | 1.91 | 0.852 | 2.61 | 11.0 | 18.9 | 5 |
| 6 | 7.218 | 6.008 | 18.4 B | 25.2 | 4.78 | 2.40 | 2.43 | 1.38 | 1.09 | 2.34 | 11.1 | 15.8 | 6 |
| 7 | 6.988 | 5.828 | 23.6 B | 26.0 | 4.47 | 2.70 | 2.85 | 1.51 | 1.05 | 2.93 | 12.2 | 13.4 | 7 |
| 8 | 6.828 | 5.508 | 33.0 B | 25.4 | 4.35 | 2.84 | 2.85 | 1.53 | 1.20 | 5.02 | 22.5 | 12.5 | 8 |
| 9 | 6.778 | 5.408 | 41.2 B | 22.4 | 4.14 | 2.62 | 2.50 | 2.09 | 1.03 | 5.78 | 29.3 | 18.4 | 9 |
| 10 | 6.638 | 5.508 | 37.2 B | 19.1 | 3.98 | 2.32 | 2.42 | 3.17 | 1.08 | 4.82 | 24.4 | 19.1 | 10 |
| 11 | 6.908 | 5.608 | 34.0 B | 18.4 | 3.98 | 2.18 | 2.18 | 4.02 | 1.13 | 3.80 | 22.5 | 17.3 | 11 |
| 12 | 6.788 | 5.408 | 29.7 B | 14.5 | 4.01 | 2.16 | 1.98 | 3.04 | 0.958 | 3.48 | 19.5 | 17.5 | 12 |
| 13 | 6.508 | 5.208 | 25.4 B | 13.8 | 3.98 | 2.11 | 1.93 | 2.30 | 1.58 | 3.19 | 16.1 | 18.2 | 13 |
| 14 | 6.828 | 5.008 | 22.5 B | 13.1 | 3.80 | 2.06 | 1.98 | 2.18 | 1.49 | 2.83 | 13.2 | 17.2 | 14 |
| 15 | 6.888 | 4.808 | 20.2 B | 12.7 | 3.57 | 1.98 | 2.50 | 3.21 | 1.22 | 2.77 | 11.1 | 15.48 | 15 |
| 16 | 7.478 | 4.708 | 18.3 B | 11.8 | 3.37 | 1.58 | 2.27 | 4.48 | 0.973 | 2.80 | 9.86 | 14.88 | 16 |
| 17 | 8.018 | 4.808 | 17.0 B | 11.0 | 3.22 | 1.42 | 1.88 | 3.98 | 1.18 | 2.21 | 8.71 | 14.18 | 17 |
| 18 | 7.218 | 4.588 | 15.6 B | 10.2 | 3.16 | 1.85 | 1.88 | 3.80 | 1.78 | 2.18 | 10.1 | 13.88 | 18 |
| 19 | 6.748 | 4.508 | 13.2 B | 9.48 | 3.03 | 1.46 | 1.73 | 2.94 | 3.19 | 2.27 | 10.1 | 13.18 | 19 |
| 20 | 6.388 | 4.428 | 10.8 | 8.93 | 3.19 | 1.27 | 2.47 | 2.40 | 3.22 | 2.77 | 9.888 | 17.4 | 20 |
| 21 | 5.828 | 4.338 | 22.4 | 8.20 | 3.36 | 1.38 | 3.38 | 2.00 | 3.21 | 3.86 | 9.028 | 25.2 | 21 |
| 22 | 5.508 | 4.308 | 34.8 | 7.67 | 5.03 | 2.11 | 2.80 | 1.71 | 3.81 | 4.30 | 8.708 | 23.8 | 22 |
| 23 | 5.288 | 4.288 | 31.5 | 7.33 | 4.26 | 5.18 | 2.41 | 1.83 | 3.35 | 8.97 | 8.58 | 23.6 | 23 |
| 24 | 5.808 | 4.228 | 26.7 | 7.15 | 3.88 | 7.83 | 2.08 | 1.87 | 2.84 | 8.12 | 11.5 | 21.8 | 24 |
| 25 | 5.788 | 4.208 | 39.4 | 6.98 | 3.48 | 6.78 | 1.90 | 1.48 | 2.13 | 12.8 | 11.8 | 34.0 | 25 |
| 26 | 5.708 | 4.238 | 45.5 | 6.85 | 3.42 | 4.58 | 2.24 | 1.48 | 1.80 | 11.1 | 12.2 | 29.58 | 26 |
| 27 | 5.728 | 4.288 | 45.0 | 6.87 | 3.53 | 3.45 | 2.12 | 1.34 | 1.78 | 12.8 | 14.2 | 26.08 | 27 |
| 28 | 5.748 | 4.828 | 42.2 | 6.98 | 3.33 | 3.00 | 1.67 | 1.28 | 1.95 | 14.1 | 15.7 | 30.08 | 28 |
| 29 | 5.788 | | 37.5 | 7.28 | 3.88 | 2.85 | 1.82 | 1.00 | 2.02 | 14.2 | 21.9 | 17.58 | 29 |
| 30 | 5.788 | | 40.0 | 7.03 | 2.53 | 3.84 | 1.41 | 1.25 | 2.88 | 16.5 | 32.1 | 16.48 | 30 |
| 31 | 5.808 | | 37.9 | | 2.83 | | 1.44 | 1.85 | | 13.5 | | 14.08 | 31 |
| TOTAL | 209.01 | 140.80 | 823.12 | 458.44 | 123.72 | 86.57 | 70.43 | 67.31 | 54.081 | 182.00 | 439.90 | 621.5 | TOTAL |
| MEAN | 6.74 | 5.03 | 26.6 | 15.3 | 3.99 | 2.89 | 2.27 | 2.17 | 1.80 | 5.87 | 14.7 | 20.0 | MEAN |
| MAX | 9.93 | 6.00 | 45.6 | 33.8 | 6.50 | 7.83 | 3.75 | 4.48 | 3.81 | 15.5 | 32.1 | 34.0 | MAX |
| MIN | 5.28 | 4.20 | 5.84 | 6.85 | 2.53 | 1.27 | 1.41 | 1.00 | 0.852 | 2.18 | 8.56 | 12.5 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.98
MAXIMUM DAILY, 45.6 ON MAR 26
MINIMUM DAILY, 0.852 ON SEP 5
MAXIMUM INSTANTANEOUS,
46.3 AT 22:20 EST ON MAR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 16 07 N
LONG 81 16 09 W
DRAINAGE AREA, 883 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 18 100 | JUL | 6 080 |
| FEB | 12 200 | AUG | 5 820 |
| MAR | 71 100 | SEP | 4 670 |
| APR | 39 700 | OCT | 15 700 |
| MAY | 10 700 | NOV | 38 000 |
| JUN | 7 480 | DEC | 53 700 |

TOTAL DISCHARGE, 283 000 dam³

## TEMAGAMI LAKE AT TEMAGAMI - STATION NO. 02DC010

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 293.650 | 293.400 | 293.140 | 293.040 | 293.270 | 293.430 | 293.450 | 293.410 | 293.340 | 293.260 | 293.220 | 293.250 | 1 |
| 2 | 293.640 | 293.390 | 293.140 | 293.050 | 293.270 | 293.440 | 293.440 | 293.410 | 293.320 | 293.260 | 293.220 | 293.250 | 2 |
| 3 | 293.630 | 293.380 | 293.140 | 293.050 | 293.280 | 293.470 | 293.440 | 293.420 | 293.310 | 293.260 | 293.220 | 293.250 | 3 |
| 4 | 293.630 | 293.380 | 293.150 | 293.050 | 293.280 | 293.450 | 293.440 | 293.420 | 293.310 | 293.270 | 293.250 | 293.250 | 4 |
| 5 | 293.620 | 293.340 | 293.150 | 293.050 | 293.280 | 293.450 | 293.440 | 293.400 | 293.310 | 293.260 | 293.250 | 293.250 | 5 |
| 6 | 293.610 | 293.320 | 293.120 | 293.050 | 293.290 | 293.450 | 293.440 | 293.400 | 293.300 | 293.250 | 293.240 | 293.240 | 6 |
| 7 | 293.600 | 293.310 | 293.120E | 293.060 | 293.300 | 293.450 | 293.460 | 293.410 | 293.300 | 293.250 | 293.240 | 293.240 | 7 |
| 8 | 293.590 | 293.300 | 293.120E | 293.060 | 293.300 | 293.450 | 293.470 | 293.410 | 293.300 | 293.250 | 293.240 | 293.240 | 8 |
| 9 | 293.580 | 293.300 | 293.110E | 293.060 | 293.310 | 293.440 | 293.480 | 293.400 | 293.300 | 293.250 | 293.240 | 293.240 | 9 |
| 10 | 293.570 | 293.310 | 293.110 | 293.070 | 293.310 | 293.440 | 293.460 | 293.400 | 293.300 | 293.250 | 293.230 | 293.250 | 10 |
| 11 | 293.560 | 293.300 | 293.110 | 293.080 | 293.320 | 293.450 | 293.470 | 293.380 | 293.300 | 293.250 | 293.230 | 293.250 | 11 |
| 12 | 293.540 | 293.280 | 293.110 | 293.100 | 293.330 | 293.450 | 293.470 | 293.380 | 293.300 | 293.250 | 293.230 | 293.250 | 12 |
| 13 | 293.530 | 293.280 | 293.100 | 293.120 | 293.330 | 293.460 | 293.460 | 293.380 | 293.300 | 293.250 | 293.230 | 293.270 | 13 |
| 14 | 293.520 | 293.250 | 293.100E | 293.120 | 293.330 | 293.460 | 293.460 | 293.380 | 293.310 | 293.250 | 293.230 | 293.280 | 14 |
| 15 | 293.510 | 293.240 | 293.100E | 293.120 | 293.330 | 293.470 | 293.460 | 293.380 | 293.300 | 293.250 | 293.230 | 293.280 | 15 |
| 16 | 293.470 | 293.240 | 293.100 | 293.120 | 293.350 | 293.460 | 293.450 | 293.390 | 293.300 | 293.250 | 293.220 | 293.300 | 16 |
| 17 | 293.470 | 293.230 | 293.080 | 293.120 | 293.340 | 293.460 | 293.460 | 293.390 | 293.290 | 293.250 | 293.230 | 293.300 | 17 |
| 18 | 293.480 | 293.220 | 293.070 | 293.130 | 293.340 | 293.460 | 293.460 | 293.390 | 293.280 | 293.250 | 293.240 | 293.300 | 18 |
| 19 | 293.480 | 293.220 | 293.070 | 293.140 | 293.330 | 293.470 | 293.450 | 293.390 | 293.280 | 293.250 | 293.240 | 293.310 | 19 |
| 20 | 293.460 | 293.210 | 293.060 | 293.150 | 293.340 | 293.490 | 293.450 | 293.400 | 293.280 | 293.280 | 293.240 | 293.320 | 20 |
| 21 | 293.460 | 293.210 | 293.050 | 293.160 | 293.340 | 293.470 | 293.430 | 293.380 | 293.280 | 293.250 | 293.230 | 293.320 | 21 |
| 22 | 293.440 | 293.200 | 293.040 | 293.170 | 293.340 | 293.450 | 293.440 | 293.380 | 293.280 | 293.240 | 293.230 | 293.320 | 22 |
| 23 | 293.440 | 293.200 | 293.030 | 293.170 | 293.380 | 293.460 | 293.440 | 293.380 | 293.290 | 293.250 | 293.220 | 293.330 | 23 |
| 24 | 293.420 | 293.180 | 293.030 | 293.190 | 293.380 | 293.460 | 293.440 | 293.380 | 293.280 | 293.240 | 293.220 | 293.320 | 24 |
| 25 | 293.400 | 293.180 | 293.020 | 293.180 | 293.370 | 293.460 | 293.440 | 293.360 | 293.270 | 293.240 | 293.220 | 293.320 | 25 |
| 26 | 293.390 | 293.170 | 293.020 | 293.180 | 293.380 | 293.460 | 293.450 | 293.350 | 293.280 | 293.230 | 293.220 | 293.320 | 26 |
| 27 | 293.400 | 293.150 | 293.020 | 293.190 | 293.390 | 293.450 | 293.450 | 293.350 | 293.250 | 293.240 | 293.230 | 293.320 | 27 |
| 28 | 293.420 | 293.150 | 293.020 | 293.200 | 293.400 | 293.450 | 293.430 | 293.350 | 293.250 | 293.240 | 293.220 | 293.320 | 28 |
| 29 | 293.410 | | 293.020 | 293.230 | 293.420 | 293.440 | 293.420 | 293.350 | 293.250 | 293.240 | 293.230 | 293.320 | 29 |
| 30 | 293.410E | | 293.020 | 293.250 | 293.420 | 293.460 | 293.410 | 293.350 | 293.270 | 293.220 | 293.240 | 293.320 | 30 |
| 31 | 293.400E | | 293.020 | | 293.430 | | 293.410 | 293.340 | | 293.220 | | 293.330 | 31 |
| MEAN | 293.507 | 293.261 | 293.080 | 293.122 | 293.338 | 293.455 | 293.447 | 293.384 | 293.290 | 293.253 | 293.231 | 293.287 | MEAN |
| MAX | 293.650 | 293.400 | 293.150 | 293.250 | 293.430 | 293.490 | 293.470 | 293.420 | 293.340 | 293.280 | 293.250 | 293.330 | MAX |
| MIN | 293.390 | 293.150 | 293.020 | 293.040 | 293.270 | 293.430 | 293.410 | 293.340 | 293.250 | 293.230 | 293.220 | 293.240 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 293.305
MAXIMUM DAILY, 293.650 ON JAN 1
MINIMUM DAILY, 293.020 ON MAR 25

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 03 45 N
LONG 79 47 44 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -000.075 m ADJUSTMENT TO CONVERT TO TEMISKAMING AND NORTHERN ONTARIO RAILWAY DATUM

## TEMAGAMI RIVER AT CROSS LAKE DAM - STATION NO. 02DC007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 39.0 | 32.2 | 24.5 | 19.1 | 4.80 | 4.20 | 4.00 | 4.20 | 4.30 | 3.90 | 3.70 | 3.80 | 1 |
| 2 | 39.0 | 32.2 | 24.5 | 19.1 | 4.80 | 4.20 | 4.00 | 4.20 | 4.20 | 3.90 | 3.70 | 3.80 | 2 |
| 3 | 38.4 | 31.7 | 24.1 | 13.2 | 4.60 | 4.00 | 4.00 | 4.20 | 4.20 | 3.90 | 3.70 | 3.80 | 3 |
| 4 | 37.4 | 31.7 | 24.1 | 4.30 | 4.80 | 4.00 | 4.20 | 4.20 | 4.00 | 3.70 | 3.80 | 3.80 | 4 |
| 5 | 37.4 | 31.3 | 23.7 | 3.90 | 4.80 | 4.00 | 4.00 | 4.20 | 4.00 | 3.70 | 3.70 | 3.80 | 5 |
| 6 | 37.4 | 31.3 | 23.3 | 4.00 | 4.80 | 4.00 | 4.00 | 4.20 | 4.00 | 3.70 | 3.70 | 3.80 | 6 |
| 7 | 37.4 | 31.3 | 23.3 | 4.30 | 4.30 | 4.00 | 4.20 | 4.20 | 4.00 | 3.70 | 3.70 | 3.80 | 7 |
| 8 | 37.4 | 31.0E | 22.8 | 4.30 | 4.30 | 4.00 | 4.20 | 4.20 | 4.00 | 3.70 | 3.70 | 3.80 | 8 |
| 9 | 37.4 | 30.8E | 22.8 | 4.80 | 4.30 | 4.00 | 4.20 | 4.20 | 4.00 | 3.70 | 3.70 | 3.80 | 9 |
| 10 | 37.4 | 30.3 | 22.1 | 4.80 | 4.30 | 4.00 | 4.20 | 4.20 | 4.00 | 3.70 | 3.80 | 3.80 | 10 |
| 11 | 36.7 | 30.3 | 21.3 | 4.80 | 4.30 | 4.00 | 4.20 | 4.20 | 4.00 | 3.70 | 3.80 | 3.80 | 11 |
| 12 | 36.3 | 29.4 | 21.3 | 5.10 | 4.30 | 4.00 | 4.20 | 4.20 | 4.00 | 3.70 | 3.70 | 3.80 | 12 |
| 13 | 36.3 | 29.4 | 21.3 | 4.80 | 4.30 | 4.00 | 4.20 | 4.20 | 4.00 | 3.70 | 3.70 | 3.80 | 13 |
| 14 | 36.3 | 28.8 | 20.8 | 4.80 | 4.30 | 4.00 | 4.20 | 4.20 | 4.00 | 3.70 | 3.70 | 3.80 | 14 |
| 15 | 36.3 | 28.8 | 20.8 | 5.10 | 4.30 | 4.00 | 4.20 | 4.80 | 4.00 | 3.70 | 3.70 | 3.80 | 15 |
| 16 | 35.3 | 28.0 | 20.8 | 5.30 | 4.30 | 4.00 | 4.20 | 4.80 | 4.00 | 3.70 | 3.80 | 3.70 | 16 |
| 17 | 35.3 | 28.0 | 20.8 | 5.30 | 4.30 | 3.90 | 4.20 | 4.60 | 4.00 | 3.70 | 3.80 | 3.70 | 17 |
| 18 | 35.3 | 28.0 | 20.2 | 5.30 | 4.30 | 3.80 | 4.20 | 4.80 | 4.00 | 3.70 | 3.70 | 3.70 | 18 |
| 19 | 35.3 | 27.5 | 19.8 | 5.40 | 4.20 | 3.80 | 4.20 | 4.80 | 4.00 | 3.70 | 3.80 | 3.70 | 19 |
| 20 | 34.7 | 27.5 | 19.1 | 5.40 | 4.20 | 3.80 | 4.20 | 4.60 | 4.00 | 3.70 | 3.80 | 3.70 | 20 |
| 21 | 34.7 | 26.7 | 19.1E | 5.40 | 4.20 | 3.90 | 4.20 | 4.80 | 4.00 | 3.70 | 3.80 | 3.90 | 21 |
| 22 | 34.2 | 26.7 | 19.1 | 5.10 | 4.20 | 3.90 | 4.20 | 4.60 | 4.00 | 3.70 | 3.80 | 3.90 | 22 |
| 23 | 34.2 | 26.7 | 18.7 | 4.80 | 4.20 | 3.70 | 4.20 | 4.80 | 4.00 | 3.70 | 3.80 | 3.90 | 23 |
| 24 | 33.7 | 26.2 | 18.4 | 4.80 | 4.20 | 3.70 | 4.20 | 4.60 | 3.90 | 3.70 | 3.80 | 3.90 | 24 |
| 25 | 33.2 | 25.4 | 18.4 | 4.80 | 4.20 | 3.70 | 4.30 | 4.30 | 3.90 | 3.70 | 3.80 | 3.80 | 25 |
| 26 | 33.2 | 25.4 | 18.0 | 4.80 | 4.20 | 3.70 | 4.30 | 4.30 | 3.90 | 3.70 | 3.80 | 4.00 | 26 |
| 27 | 33.2 | 25.4 | 18.4 | 4.80 | 4.20 | 3.70 | 4.20 | 4.30 | 3.90 | 3.70 | 3.80 | 4.00 | 27 |
| 28 | 33.2 | 24.9 | 18.4 | 4.80 | 4.20 | 3.90 | 4.20 | 4.30 | 3.90 | 3.70 | 3.80 | 4.00 | 28 |
| 29 | 32.7 | | 18.4 | 4.80 | 4.20 | 4.00 | 4.20 | 4.30 | 3.90 | 3.70 | 3.80 | 4.00 | 29 |
| 30 | 32.7 | | 18.7 | 4.80 | 4.20 | 4.00 | 4.20 | 4.30 | 4.00 | 3.70 | 3.80 | 4.00 | 30 |
| 31 | 32.7 | | 19.1 | | 4.00 | | 4.20 | 4.30 | | 3.70 | | 4.00 | 31 |
| TOTAL | 1 103.7 | 806.9 | 645.7 | 181.80 | 133.80 | 118.20 | 129.40 | 136.30 | 120.10 | 115.30 | 109.80 | 118.00 | TOTAL |
| MEAN | 35.6 | 28.8 | 20.8 | 5.06 | 4.32 | 3.94 | 4.17 | 4.40 | 4.00 | 3.72 | 3.65 | 3.74 | MEAN |
| MAX | 39.0 | 32.2 | 24.5 | 19.1 | 4.80 | 4.20 | 4.30 | 4.80 | 4.30 | 3.90 | 3.90 | 4.00 | MAX |
| MIN | 32.7 | 24.9 | 18.0 | 3.90 | 4.00 | 3.70 | 4.00 | 4.20 | 3.90 | 3.70 | 3.80 | 3.80 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.2
MAXIMUM DAILY, 39.0 ON JAN 1
MINIMUM DAILY, 3.80 ON NOV 10

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 46 41 N
LONG 79 58 43 W
DRAINAGE AREA, 1 380 km²

DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 85 400 | JUL | 11 200 |
| FEB | 69 700 | AUG | 11 800 |
| MAR | 55 600 | SEP | 10 400 |
| APR | 15 700 | OCT | 9 960 |
| MAY | 11 600 | NOV | 9 470 |
| JUN | 10 200 | DEC | 10 000 |

TOTAL DISCHARGE, 321 000 dam³

## TEMAGAMI RIVER AT RED CEDAR LAKE DAM - STATION NO. 02DC006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 46.2 | 43.6 | 41.8 | 37.3 | 5.20 | 15.1 | 7.20 | 8.70 | 3.00 | 3.90 | 7.30 | 5.20 | 1 |
| 2 | 46.6 | 43.3 | 45.4 | 38.1 | 6.20 | 16.2 | 7.20 | 8.30 | 3.00 | 3.90 | 7.10 | 5.40 | 2 |
| 3 | 46.6 | 46.6 | 47.0 | 40.7 | 7.30 | 16.2 | 7.00 | 8.10 | 3.10 | 4.30 | 6.90 | 5.40 | 3 |
| 4 | 46.6 | 47.8 | 44.8 | 41.3 | 3.90 | 16.2 | 7.20 | 7.70 | 3.10 | 4.30 | 7.10 | 5.70 | 4 |
| 5 | 46.6 | 46.3 | 42.6 | 36.8 | 1.10 | 16.2 | 7.20 | 7.70 | 3.10 | 4.00 | 7.30 | 5.70 | 5 |
| 6 | 46.6 | 45.0 | 43.8 | 37.6 | 1.80 | 16.2 | 7.20 | 7.50 | 3.10 | 4.00 | 4.80 | 6.30 | 6 |
| 7 | 46.6 | 43.7 | 46.6 | 11.4 | 2.30 | 17.6 | 7.50 | 10.0 | 3.10 | 4.40 | 2.40 | 6.30 | 7 |
| 8 | 46.6 | 44.2E | 43.7 | 1.40 | 2.90 | 17.6 | 7.50 | 13.2 | 3.30 | 4.40 | 2.50 | 6.30 | 8 |
| 9 | 46.6 | 44.7E | 41.8 | 3.40 | 3.80 | 17.3 | 7.50 | 12.5 | 3.40 | 2.00 | 2.80 | 6.40 | 9 |
| 10 | 46.6 | 45.2 | 43.4 | 6.00 | 4.40 | 16.8 | 7.50 | 11.8 | 3.40 | 0 | 2.70 | 7.20 | 10 |
| 11 | 46.6 | 46.6 | 44.6 | 8.70 | 5.20 | 16.5 | 7.30 | 11.4 | 3.40 | 0 | 2.70 | 7.50 | 11 |
| 12 | 46.6 | 46.7 | 42.3 | 11.8 | 5.90 | 16.3 | 7.90 | 10.5 | 3.40 | 0 | 2.70 | 8.10 | 12 |
| 13 | 46.2 | 45.0 | 44.8 | 7.30 | 6.40 | 16.0 | 7.20 | 10.3 | 3.60 | 0 | 3.00 | 8.70 | 13 |
| 14 | 46.2 | 43.2 | 44.0 | 0 | 6.80 | 15.7 | 7.20 | 9.90 | 3.60 | 0 | 2.70 | 9.30 | 14 |
| 15 | 50.0 | 41.7 | 41.2 | 0 | 7.30 | 15.5 | 7.00 | 9.70 | 3.60 | 0 | 3.10 | 12.8 | 15 |
| 16 | 48.5 | 44.9 | 38.4 | 0 | 7.70 | 14.9 | 6.80 | 9.70 | 3.60 | 0 | 3.10 | 17.8 | 16 |
| 17 | 48.2 | 47.9 | 38.2 | 0 | 8.10 | 14.7 | 6.80 | 9.30 | 3.60 | 0 | 3.10 | 21.1 | 17 |
| 18 | 47.2 | 48.9 | 39.1 | 0 | 8.30 | 14.2 | 6.80 | 9.30 | 3.80 | 0 | 3.50 | 25.6 | 18 |
| 19 | 46.6 | 45.7 | 38.3 | 0 | 8.80 | 6.70 | 6.60 | 8.70 | 3.80 | 0.100 | 3.50 | 26.3 | 19 |
| 20 | 45.7 | 41.8 | 39.1 | 0 | 8.00 | 7.50 | 9.90 | 8.70 | 3.60 | 0.100 | 4.00 | 25.0 | 20 |
| 21 | 45.0 | 40.6 | 35.6 | 2.00 | 8.10 | 7.50 | 13.5 | 8.30 | 3.60 | 0.200 | 4.00 | 24.7 | 21 |
| 22 | 44.4 | 39.3 | 33.7 | 0.200 | 8.60 | 7.50 | 11.8 | 8.10 | 3.80 | 0.200 | 4.00 | 24.4 | 22 |
| 23 | 41.8 | 47.0 | 32.2 | 0.400 | 8.60 | 7.50 | 11.4 | 7.90 | 3.80 | 0.300 | 4.00 | 24.1 | 23 |
| 24 | 40.9 | 54.3 | 36.0 | 0.400 | 7.00 | 7.50 | 10.9 | 7.70 | 3.80 | 0.300 | 4.30 | 23.8 | 24 |
| 25 | 40.0 | 51.0 | 32.9 | 1.10 | 7.30 | 7.20 | 11.1 | 7.30 | 3.80 | 0.400 | 4.40 | 23.1 | 25 |
| 26 | 43.8 | 48.2 | 32.0 | 1.50 | 7.70 | 7.20 | 10.9 | 2.60 | 3.80 | 0.400 | 4.80 | 23.1 | 26 |
| 27 | 48.0 | 45.9 | 32.0 | 1.80 | 8.30 | 7.20 | 10.5 | 2.70 | 3.80 | 4.10 | 4.80 | 23.1 | 27 |
| 28 | 48.7 | 43.4 | 32.0 | 2.50 | 8.90 | 7.00 | 10.1 | 2.70 | 3.80 | 7.70 | 4.80 | 22.8 | 28 |
| 29 | 47.4 | | 32.0 | 3.40 | 9.50 | 7.20 | 9.50 | 2.90 | 3.80 | 7.70 | 4.70 | 21.9 | 29 |
| 30 | 46.1 | | 32.9 | 4.80 | 9.90 | 7.20 | 9.30 | 2.90 | 4.10 | 7.50 | 4.90 | 21.9 | 30 |
| 31 | 45.2 | | 35.4 | | 10.3 | | 8.90 | 3.00 | | 7.50 | | 21.5 | 31 |
| TOTAL | 1 429.9 | 1 269.6 | 1 213.6 | 302.700 | 197.30 | 388.40 | 262.40 | 249.20 | 104.50 | 71.700 | 126.20 | 475.30 | TOTAL |
| MEAN | 46.1 | 45.3 | 39.1 | 10.1 | 6.36 | 12.9 | 8.46 | 8.04 | 3.48 | 2.31 | 4.21 | 15.3 | MEAN |
| MAX | 50.0 | 54.3 | 47.0 | 41.3 | 10.3 | 16.2 | 13.5 | 13.2 | 4.10 | 7.70 | 7.30 | 26.6 | MAX |
| MIN | 40.0 | 39.3 | 32.0 | 0 | 1.10 | 7.00 | 6.60 | 2.60 | 3.00 | 0 | 2.40 | 5.20 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.7
MAXIMUM DAILY, 54.3 ON FEB 24
MINIMUM DAILY, 0 ON APR 14

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 40 45 N
LONG 79 59 42 W
DRAINAGE AREA 2 380 km²

DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 124 000 | JUL | 22 700 |
| FEB | 110 000 | AUG | 21 500 |
| MAR | 105 000 | SEP | 9 030 |
| APR | 26 200 | OCT | 6 190 |
| MAY | 17 000 | NOV | 10 900 |
| JUN | 33 600 | DEC | 41 100 |

TOTAL DISCHARGE, 527 000 dam³

## THAMES RIVER AT BYRON - STATION NO 02GE002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 41.0 | 19.98 | 25.6 | 114 | 17.6 | 56.1 | 7.53 | 7.35 | 7.69 | 8.30 | 16.1 | 57.8 | 1 |
| 2 | 38.3 | 19.78 | 60.0 | 94.6 | 16.8 | 42.8 | 7.42 | 19.0 | 8.23 | 9.96 | 15.9 | 57.7 | 2 |
| 3 | 36.4 | 19.59 | 71.0 | 85.9 | 20.4 | 35.6 | 7.80 | 10.6 | 7.32 | 9.31 | 16.2 | 53.9 | 3 |
| 4 | 31.3 | 19.29 | 80.5 | 89.5 | 16.4 | 30.1 | 7.97 | 9.40 | 7.02 | 7.82 | 15.8 | 45.1 | 4 |
| 5 | 28.4 | 18.58 | 53.3 | 172 | 15.9 | 19.4 | 10.1 | 8.77 | 6.72 | 7.66 | 16.0 | 32.8 | 5 |
| 6 | 29.1 | 18.09 | 51.8 | 319 | 15.7 | 17.9 | 8.10 | 8.41 | 6.37 | 8.16 | 16.1 | 30.2 | 6 |
| 7 | 31.0 | 18.28 | 85.8 | 215 | 15.5 | 17.2 | 8.11 | 8.29 | 6.39 | 7.92 | 13.1 | 29.1 | 7 |
| 8 | 30.6 | 19.1 | 225 | 130 | 14.8 | 12.2 | 8.70 | 8.06 | 6.67 | 8.87 | 14.0 | 29.2 | 8 |
| 9 | 28.9 | 16.3 | 352 | 90.5 | 11.8 | 16.1 | 13.8 | 13.4 | 6.78 | 7.68 | 29.0 | 39.9 | 9 |
| 10 | 28.5 | 16.6 | 218 | 70.2 | 11.4 | 12.0 | 27.9 | 12.9 | 6.67 | 7.46 | 17.0 | 80.7 | 10 |
| 11 | 28.1 | 17.5 | 132 | 80.9 | 10.1 | 11.2 | 19.4 | 11.2 | 9.24 | 7.44 | 15.4 | 58.4 | 11 |
| 12 | 27.5 | 17.8 | 94.0 | 61.9 | 8.76 | 12.2 | 13.6 | 9.49 | 10.8 | 7.03 | 16.9 | 57.7 | 12 |
| 13 | 26.7 | 17.3 | 71.5 | 86.0 | 10.6 | 11.1 | 14.6 | 8.89 | 8.71 | 7.28 | 17.2 | 57.2 | 13 |
| 14 | 26.5 | 15.88 | 60.1 | 82.4 | 12.4 | 9.89 | 18.9 | 8.88 | 8.57 | 7.18 | 16.8 | 52.5 | 14 |
| 15 | 37.1 | 14.08 | 52.0 | 63.3 | 14.6 | 9.78 | 20.8 | 8.70 | 8.24 | 7.33 | 16.4 | 63.1 | 15 |
| 16 | 63.1 | 14.48 | 49.0 | 55.0 | 13.8 | 9.40 | 15.0 | 8.08 | 7.73 | 8.28 | 16.1 | 102 | 16 |
| 17 | 58.4 | 14.88 | 47.9 | 47.6 | 13.1 | 9.22 | 15.3 | 8.29 | 8.80 | 9.10 | 16.4 | 82.5 | 17 |
| 18 | 46.5 | 15.0 | 48.4 | 41.4 | 13.3 | 8.83 | 8.35 | 8.70 | 9.05 | 8.43 | 16.0 | 74.0 | 18 |
| 19 | 40.3 | 14.6 | 60.9 | 38.8 | 13.3 | 8.38 | 9.59 | 8.48 | 8.46 | 8.43 | 16.0 | 64.9 | 19 |
| 20 | 39.58 | 14.8 | 84.0 | 33.7 | 13.3 | 7.90 | 9.03 | 8.16 | 7.81 | 8.59 | 16.5 | 88.0 | 20 |
| 21 | 30.08 | 14.4 | 100 | 30.6 | 13.2 | 7.61 | 8.00 | 8.29 | 10.7 | 9.13 | 15.8 | 198 | 21 |
| 22 | 28.08 | 14.7 | 107 | 26.6 | 7.09 | 12.0 | 7.73 | 8.19 | 8.75 | 10.0 | 15.2 | 195 | 22 |
| 23 | 25.08 | 16.0 | 111 | 25.3 | 4.74 | 13.4 | 8.72 | 8.81 | 8.24 | 11.6 | 17.8 | 146 | 23 |
| 24 | 17.08 | 14.8 | 108 | 25.2 | 9.70 | 10.8 | 8.86 | 8.83 | 7.78 | 13.8 | 17.2 | 112 | 24 |
| 25 | 18.08 | 14.8 | 89.3 | 22.8 | 9.80 | 9.00 | 8.47 | 8.80 | 7.77 | 13.4 | 41.3 | 102 | 25 |
| 26 | 19.58 | 14.8 | 79.1 | 21.5 | 10.4 | 9.29 | 8.18 | 8.23 | 7.81 | 12.7 | 102 | 126 | 26 |
| 27 | 19.88 | 15.0 | 73.4 | 21.8 | 10.2 | 9.01 | 7.75 | 12.4 | 7.72 | 19.7 | 149 | 113 | 27 |
| 28 | 20.08 | 15.4 | 58.6 | 21.8 | 10.1 | 8.68 | 7.79 | 8.34 | 7.78 | 21.1 | 131 | 89.7 | 28 |
| 29 | 20.28 | | 51.2 | 21.0 | 10.2 | 8.72 | 7.57 | 7.89 | 8.51 | 19.8 | 91.5 | 67.1 | 29 |
| 30 | 20.48 | | 85.5 | 19.5 | 10.3 | 8.08 | 7.89 | 7.10 | 9.07 | 17.9 | 68.0 | 42.8 | 30 |
| 31 | 20.08 | | 143 | | 47.0 | | 7.85 | 8.15 | | 16.8 | | 34.3 | 31 |
| TOTAL | 947.1 | 459.6 | 2 887.0 | 2 185.8 | 420.49 | 443.83 | 342.19 | 283.81 | 241.61 | 328.46 | 981.8 | 2 382.3 | TOTAL |
| MEAN | 30.6 | 15.4 | 93.1 | 72.9 | 13.6 | 14.8 | 11.0 | 9.18 | 8.05 | 10.6 | 32.7 | 76.2 | MEAN |
| MAX | 63.1 | 19.9 | 352 | 319 | 47.0 | 56.1 | 27.9 | 19.0 | 10.8 | 21.1 | 149 | 198 | MAX |
| MIN | 17.0 | 14.0 | 25.6 | 19.5 | 4.74 | 7.61 | 7.42 | 6.63 | 6.37 | 7.03 | 13.1 | 29.1 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.6
MAXIMUM DAILY, 352 ON MAR 9
MINIMUM DAILY, 4.74 ON MAY 23
MAXIMUM INSTANTANEOUS,
370 AT 11:41 EST ON MAR 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 47 N
LONG 81 19 55 W
DRAINAGE AREA, 3 110 km²

B - ICE CONDITIONS

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 81 800 | JUL | 28 500 |
| FEB | 38 700 | AUG | 24 500 |
| MAR | 249 000 | SEP | 20 900 |
| APR | 189 000 | OCT | 28 400 |
| MAY | 36 300 | NOV | 84 800 |
| JUN | 38 300 | DEC | 204 000 |

TOTAL DISCHARGE, 1 030 000 dam³

## THAMES RIVER AT CHATHAM - STATION NO. 02GE004

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.159 | 2.044 | --- | 2.447 | 2.001 | 1.980 | 1.965 | 1.896 | 1.900 | 1.817 | --- | 1.980 | 1 |
| 2 | 2.176 | 2.006 | --- | 2.588 | 1.988 | 2.020 | 1.963 | 1.922 | 1.877 | 1.839 | --- | 1.982 | 2 |
| 3 | 2.184 | 1.982 | --- | 2.651 | 1.973 | 2.038 | 2.009 | 1.920 | 1.849 | 1.848 | 1.893A | 1.759 | 3 |
| 4 | 2.142 | 1.992 | --- | 2.728 | 1.985 | 2.041 | 2.024 | 1.933 | 1.852 | 1.778 | 1.718 | 1.861 | 4 |
| 5 | 2.121 | 2.027 | --- | 2.738 | 1.994 | 2.019 | 1.978 | 1.933 | 1.845 | 1.735 | 1.883 | 1.832 | 5 |
| 6 | 2.087A | 2.070 | --- | 2.877 | 1.991 | 1.975 | 1.997 | 1.907 | 1.831 | 1.736 | 1.789 | 1.714 | 6 |
| 7 | --- | 2.088 | --- | 3.112 | 1.985 | 2.007 | 1.988 | 1.910 | 1.824 | 1.777 | 1.889 | 1.850 | 7 |
| 8 | --- | 2.048 | --- | 3.287A | 1.988 | 1.985 | 1.998 | 1.910 | 1.841 | 1.786 | 1.885 | 1.849 | 8 |
| 9 | --- | 2.029 | --- | 3.325 | 1.998 | 2.008 | 1.998 | 1.934 | 1.847 | 1.705 | 1.714 | 1.753 | 9 |
| 10 | --- | 2.087A | --- | 3.429 | 1.971 | 1.974 | 1.982 | 1.953 | 1.798 | 1.731 | 1.879 | 1.789 | 10 |
| 11 | --- | 2.022A | --- | 3.234 | 1.976 | 1.985 | 1.994 | 1.913 | 1.843 | 1.724 | 1.895 | 1.780 | 11 |
| 12 | --- | --- | 2.832A | 3.169 | 1.984 | 1.986 | 1.981 | 1.912 | 1.847 | 1.724 | 1.875 | 1.880 | 12 |
| 13 | --- | --- | --- | 3.158 | 1.975 | 1.986 | 2.004 | 1.911 | 1.846 | 1.692 | 1.832 | 1.833 | 13 |
| 14 | --- | --- | --- | 3.166 | 1.975 | 1.974 | 2.005 | 1.901 | 1.851 | 1.684 | 1.816 | 1.738 | 14 |
| 15 | 2.177A | --- | --- | 3.235 | 2.005 | 1.973 | 1.973 | 1.889 | 1.837 | 1.680 | 1.895 | 1.876 | 15 |
| 16 | 2.182 | 1.885A | --- | 3.157 | 1.986 | 1.974 | 1.970 | 1.905 | 1.838 | 1.863 | 1.587 | 2.385 | 16 |
| 17 | 2.183 | --- | 1.712A | 3.134 | 1.982 | 1.945 | 1.970 | 1.938 | 1.840 | 1.888 | 1.552 | 2.176 | 17 |
| 18 | 2.189 | --- | --- | 3.102 | 1.982 | 1.988 | 1.959 | 1.917 | 1.863 | 1.863 | 1.863 | 2.036 | 18 |
| 19 | 2.185 | --- | --- | 3.087 | 1.930 | 1.954 | 1.987 | 1.940 | 1.870 | 1.851 | 1.612 | 1.912 | 19 |
| 20 | 2.146 | --- | --- | 3.061 | 1.947 | 1.948 | 1.989 | 1.903 | 1.859 | 1.893 | 1.898 | 2.061 | 20 |
| 21 | 2.131 | --- | --- | 3.067 | 1.938 | 1.942 | 1.982 | 1.888 | 1.854 | 1.762A | 1.755 | 2.262 | 21 |
| 22 | 2.145 | --- | --- | 3.017 | 1.975 | 2.048 | 1.948 | 1.971 | 1.882 | --- | 1.545 | 2.312 | 22 |
| 23 | 2.104 | --- | --- | 3.039 | 1.991 | 2.020 | 1.943 | 1.988 | 1.880 | --- | 1.545 | 2.485 | 23 |
| 24 | 2.058 | --- | --- | 3.089 | 1.984 | 1.999 | 1.958 | 1.925 | 1.827 | --- | 1.579 | 2.367 | 24 |
| 25 | 2.085 | --- | 2.114A | 3.001 | 1.944 | 1.981 | 1.966 | 1.898 | 1.852 | --- | 1.653 | 2.331 | 25 |
| 26 | 2.113 | --- | 2.071 | 1.895 | 1.940 | 2.029 | 1.984 | 1.868 | 1.822 | --- | 2.127 | 2.182 | 26 |
| 27 | 2.147 | --- | 2.128 | 2.036 | 1.933 | 2.042 | 1.951 | 1.939 | 1.791 | --- | 2.098 | 2.092 | 27 |
| 28 | 2.132 | --- | 2.156 | 2.071 | 1.938 | 1.983 | 1.983 | 1.936 | 1.783 | --- | 2.132 | 2.049 | 28 |
| 29 | 2.189 | | 2.233 | 2.045 | 1.937 | 1.973 | 1.921 | 1.919 | 1.794 | --- | 2.208 | 2.079 | 29 |
| 30 | 2.088 | | 2.266 | 2.061 | 1.952 | 1.977 | 1.923 | 1.892 | 1.887 | --- | 2.201 | 1.886 | 30 |
| 31 | 1.957 | | 2.347 | | 1.965 | | 1.910 | 1.948 | | --- | | 1.804 | 31 |
| MEAN | --- | --- | --- | 2.321 | 1.966 | 1.989 | 1.978 | 1.919 | 1.845 | --- | --- | 1.979 | MEAN |
| MAX | --- | --- | --- | 3.297 | 2.005 | 2.045 | 2.055 | 1.971 | 1.900 | --- | --- | 2.485 | MAX |
| MIN | --- | --- | --- | 1.895 | 1.935 | 1.942 | 1.910 | 1.868 | 1.783 | --- | --- | 1.649 | MIN |

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 24 51 N
LONG 82 10 42 W

A - MANUAL GAUGE

MINIMUM DAILY, 1.545 ON NOV 22

REGULATED

DRAINAGE AREA,
4 810 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 173.736 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

## THAMES RIVER AT INGERSOLL - STATION NO 02GD016

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.83 | 2.958 | 4.208 | 15.1 | 3.17 | 4.29 | 2.59 | 1.58 | 2.12 | 2.51 | 2.85 | 9.83 | 1 |
| 2 | 6.56 | 2.858 | 10.0 B | 14.8 | 3.00 | 3.32 | 2.51 | 2.58 | 2.24 | 2.55 | 2.84 | 9.13 | 2 |
| 3 | 6.24 | 2.758 | 11.4 | 14.8 | 2.87 | 3.34 | 2.69 | 2.12 | 2.01 | 2.45 | 2.94 | 8.59 | 3 |
| 4 | 5.46 | 2.688 | 9.58 | 14.9 | 2.86 | 3.16 | 4.17 | 1.91 | 2.00 | 2.39 | 2.88 | 8.05 | 4 |
| 5 | 5.19 | 2.608 | 8.20 | 36.5 | 2.83 | 2.93 | 2.93 | 1.84 | 1.95 | 2.38 | 2.86 | 7.59 | 5 |
| 6 | 5.16 | 2.558 | 8.91 | 42.7 | 2.78 | 3.47 | 2.84 | 1.71 | 1.88 | 2.38 | 2.95 | 7.17 | 6 |
| 7 | 5.35 | 2.508 | 17.3 | 36.4 | 2.58 | 3.54 | 3.72 | 1.72 | 1.87 | 2.29 | 2.84 | 6.87 | 7 |
| 8 | 5.20 | 2.708 | 35.1 | 27.8 | 2.14 | 3.87 | 4.17 | 1.68 | 1.87 | 2.28 | 3.15 | 6.48 | 8 |
| 9 | 5.09 | 2.808 | 35.1 | 20.3 | 1.81 | 3.76 | 11.8 | 2.58 | 1.84 | 2.28 | 3.17 | 7.54 | 9 |
| 10 | 5.10 | 2.758 | 25.5 | 17.8 | 2.01 | 3.76 | 10.9 | 2.57 | 1.79 | 2.24 | 3.03 | 8.72 | 10 |
| 11 | 5.10 | 2.688 | 20.4 | 17.5 | 2.01 | 3.77 | 5.95 | 2.00 | 2.06 | 2.17 | 2.97 | 7.95 | 11 |
| 12 | 4.94 | 2.688 | 16.7 | 19.7 | 1.82 | 3.90 | 4.27 | 1.81 | 2.14 | 2.16 | 3.81 | 8.57 | 12 |
| 13 | 4.73 | 2.528 | 14.8 | 21.7 | 1.79 | 3.18 | 3.46 | 1.89 | 2.05 | 2.20 | 3.84 | 8.28 | 13 |
| 14 | 4.83 | 2.488 | 12.6 | 11.5 | 1.89 | 3.11 | 5.22 | 2.07 | 1.92 | 2.21 | 3.81 | 7.49 | 14 |
| 15 | 7.75 | 2.428 | 10.7 | 8.73 | 2.25 | 3.05 | 4.09 | 1.98 | 1.86 | 2.20 | 3.51 | 10.1 | 15 |
| 16 | 10.6 | 2.608 | 8.87 | 8.92 | 1.84 | 2.93 | 3.41 | 2.05 | 1.87 | 2.24 | 3.42 | 13.1 | 16 |
| 17 | 9.28 | 2.388 | 6.54 | 8.14 | 1.79 | 2.86 | 3.00 | 2.17 | 2.36 | 2.38 | 3.38 | 11.0 | 17 |
| 18 | 7.85 | 2.328 | 4.07 | 7.74 | 1.88 | 2.83 | 2.85 | 1.98 | 2.32 | 2.34 | 3.50 | 9.51 | 18 |
| 19 | 6.308 | 2.308 | 4.25 | 7.30 | 1.87 | 2.89 | 2.68 | 1.91 | 2.13 | 2.28 | 3.44 | 8.87 | 19 |
| 20 | 5.408 | 2.278 | 4.41 | 6.92 | 1.85 | 2.87 | 2.62 | 1.91 | 2.05 | 2.24 | 3.32 | 17.6 | 20 |
| 21 | 5.008 | 2.248 | 4.40 | 6.41 | 1.87 | 2.77 | 2.44 | 1.87 | 2.20 | 2.43 | 3.23 | 24.3 | 21 |
| 22 | 4.708 | 2.228 | 4.33 | 6.48 | 1.84 | 3.61 | 2.40 | 2.04 | 2.06 | 2.50 | 3.09 | 18.2 | 22 |
| 23 | 4.508 | 2.208 | 4.46 | 6.88 | 1.78 | 3.83 | 2.38 | 1.82 | 2.02 | 3.08 | 3.11 | 14.0 | 23 |
| 24 | 4.208 | 2.188 | 4.47 | 6.49 | 1.73 | 3.12 | 2.36 | 1.86 | 2.17 | 3.07 | 3.14 | 12.9 | 24 |
| 25 | 4.008 | 2.188 | 4.75 | 6.11 | 1.78 | 3.06 | 2.24 | 1.83 | 2.76 | 3.54 | 7.18 | 16.6 | 25 |
| 26 | 3.808 | 2.178 | 8.20 | 3.95 | 1.75 | 3.06 | 1.84 | 1.92 | 2.80 | 2.98 | 12.4 | 18.4 | 26 |
| 27 | 3.608 | 2.168 | 7.06 | 3.84 | 1.83 | 2.79 | 1.74 | 2.38 | 2.52 | 3.95 | 8.48 | 15.0 | 27 |
| 28 | 3.458 | 2.308 | 8.23 | 3.88 | 1.74 | 2.77 | 1.72 | 2.14 | 2.84 | 4.07 | 9.52 | 13.8 | 28 |
| 29 | 3.308 | | 7.93 | 3.48 | 1.84 | 2.86 | 1.70 | 2.12 | 2.54 | 3.44 | 11.0 | 12.5 B | 29 |
| 30 | 3.208 | | 11.5 | 3.19 | 2.73 | 2.83 | 1.81 | 2.10 | 2.60 | 3.06 | 11.3 | 7.308 | 30 |
| 31 | 3.058 | | 15.7 | | 8.12 | | 1.82 | 2.17 | | 2.88 | | 10.8 B | 31 |
| TOTAL | 165.57 | 69.08 | 347.45 | 408.58 | 70.25 | 97.22 | 108.88 | 62.90 | 64.48 | 81.19 | 138.37 | 344.56 | TOTAL |
| MEAN | 5.34 | 2.47 | 11.2 | 13.6 | 2.27 | 3.24 | 3.51 | 2.03 | 2.15 | 2.62 | 4.55 | 11.1 | MEAN |
| MAX | 10.6 | 2.95 | 35.1 | 42.7 | 8.12 | 4.29 | 11.8 | 2.58 | 2.78 | 4.07 | 12.4 | 24.3 | MAX |
| MIN | 3.05 | 2.18 | 4.07 | 3.19 | 1.73 | 2.83 | 1.81 | 1.58 | 1.79 | 2.17 | 2.84 | 6.48 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.35
MAXIMUM DAILY, 42.7 ON APR 6
MINIMUM DAILY, 1.58 ON AUG 1
MAXIMUM INSTANTANEOUS,
45.3 AT 01:52 EST ON MAR 9

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 20 N
LONG 80 53 08 W
DRAINAGE AREA, 518 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 14 300 | JUL | 9 410 |
| FEB | 5 970 | AUG | 5 430 |
| MAR | 30 000 | SEP | 5 570 |
| APR | 35 300 | OCT | 7 010 |
| MAY | 6 070 | NOV | 11 800 |
| JUN | 8 400 | DEC | 29 800 |

TOTAL DISCHARGE, 169 000 dam³

## THAMES RIVER AT INNERKIP - STATION NO 02GD021

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.72 | 0.570B | 1.008 | 5.53 | 0.434 | 2.68 | 0.100 | 0.048 | 0.078 | 0.125 | 0.856 | 3.30 | 1 |
| 2 | 1.70 | 0.560B | 3.608 | 4.57 | 0.391 | 2.31 | 0.094 | 0.098 | 0.086 | 0.124 | 0.540 | 2.32 | 2 |
| 3 | 1.42 | 0.550B | 4.608 | 4.12 | 0.380 | 1.36 | 0.168 | 0.237 | 0.082 | 0.158 | 0.479 | 1.78 | 3 |
| 4 | 1.22 B | 0.540B | 3.708 | 4.94 | 0.312 | 0.851 | 1.10 | 0.190 | 0.074 | 0.182 | 0.449 | 1.54 | 4 |
| 5 | 1.06 B | 0.530B | 2.908 | 20.2 | 0.289 | 0.582 | 0.513 | 0.114 | 0.069 | 0.148 | 0.401 | 1.26 | 5 |
| 6 | 1.18 B | 0.540B | 2.408 | 15.5 | 0.284 | 0.498 | 0.273 | 0.084 | 0.064 | 0.137 | 0.360 | 1.08 | 6 |
| 7 | 1.30 | 0.570B | 5.008 | 8.28 | 0.295 | 0.435 | 0.745 | 0.080 | 0.057 | 0.140 | 0.333 | 0.922 | 7 |
| 8 | 1.13 | 0.600B | 15.6 B | 4.63 | 0.280 | 0.398 | 0.632 | 0.077 | 0.057 | 0.169 | 0.388 | 0.939 | 8 |
| 9 | 1.13 | 0.560B | 19.7 | 3.05 | 0.273 | 0.800 | 0.636 | 0.317 | 0.058 | 0.204 | 0.751 | 2.56 | 9 |
| 10 | 1.12 | 0.530B | 10.3 | 2.30 | 0.256 | 0.336 | 0.480 | 0.526 | 0.056 | 0.172 | 0.648 | 5.01 | 10 |
| 11 | 1.22 | 0.510B | 5.82 | 1.85 | 0.313 | 0.286 | 2.23 | 0.272 | 0.068 | 0.122 | 0.844 | 2.83 | 11 |
| 12 | 1.05 | 0.480B | 3.45 | 2.53 | 0.294 | 0.275 | 0.788 | 0.156 | 0.726 | 0.124 | 0.525 | 2.89 | 12 |
| 13 | 1.00 | 0.460B | 2.45 | 5.80 | 0.282 | 0.261 | 0.401 | 0.121 | 1.49 | 0.114 | 0.463 | 2.73 | 13 |
| 14 | 1.07 | 0.455B | 2.26 | 3.31 | 0.263 | 0.190 | 0.559 | 0.097 | 0.488 | 0.120 | 0.387 | 2.06 | 14 |
| 15 | 2.49 | 0.450B | 2.02 | 2.80 | 0.460 | 0.163 | 0.721 | 0.080 | 0.222 | 0.115 | 0.328 | 3.70 | 15 |
| 16 | 3.81 | 0.445B | 2.71 | 2.20 | 0.354 | 0.141 | 0.395 | 0.116 | 0.155 | 0.119 | 0.295 | 5.58 | 16 |
| 17 | 2.40 B | 0.440B | 3.22 | 1.84 | 0.289 | 0.126 | 0.275 | 0.157 | 0.197 | 0.120 | 0.308 | 3.74 | 17 |
| 18 | 1.50 B | 0.435B | 4.52 | 1.57 | 0.293 | 0.119 | 0.202 | 0.089 | 0.251 | 0.131 | 0.331 | 2.87 | 18 |
| 19 | 1.10 B | 0.430B | 6.41 | 1.35 | 0.327 | 0.102 | 0.170 | 0.078 | 0.277 | 0.121 | 0.299 | 2.22 | 19 |
| 20 | 0.950B | 0.420B | 7.55 | 1.22 | 0.314 | 0.102 | 0.133 | 0.070 | 0.222 | 0.141 | 0.299 | 9.36 | 20 |
| 21 | 0.860B | 0.414B | 7.36 | 1.10 | 0.289 | 0.101 | 0.118 | 0.063 | 0.237 | 0.157 | 0.228 | 19.6 | 21 |
| 22 | 0.800B | 0.419B | 7.12 | 1.03 | 0.256 | 0.230 | 0.101 | 0.068 | 0.307 | 0.249 | 0.234 | 8.22 | 22 |
| 23 | 0.740B | 0.405B | 8.52 | 0.927 | 0.240 | 0.588 | 0.094 | 0.068 | 0.282 | 0.694 | 0.250 | 4.56 | 23 |
| 24 | 0.710B | 0.400B | 5.35 | 0.833 | 0.202 | 0.270 | 0.093 | 0.062 | 0.197 | 0.788 | 0.255 | 3.42 | 24 |
| 25 | 0.680B | 0.395B | 4.56 | 0.704 | 0.197 | 0.180 | 0.153 | 0.054 | 0.155 | 2.01 | 2.71 | 8.82 | 25 |
| 26 | 0.660B | 0.387B | 5.31 | 0.602 | 0.219 | 0.156 | 0.187 | 0.055 | 0.128 | 1.15 | 16.2 | 8.02 | 26 |
| 27 | 0.640B | 0.380B | 4.53 | 0.574 | 0.200 | 0.146 | 0.116 | 0.067 | 0.111 | 1.77 | 8.07 | 3.70 | 27 |
| 28 | 0.620B | 0.450B | 3.28 | 0.642 | 0.191 | 0.135 | 0.092 | 0.099 | 0.109 | 2.74 | 3.27 | 2.39 | 28 |
| 29 | 0.600B | | 2.69 | 0.618 | 0.175 | 0.109 | 0.078 | 0.114 | 0.118 | 1.51 | 4.50 | 1.50 B | 29 |
| 30 | 0.590B | | 8.72 | 0.498 | 1.28 | 0.104 | 0.073 | 0.082 | 0.139 | 1.09 | 5.03 | 1.20 B | 30 |
| 31 | 0.580B | | 8.89 | | 8.53 | | 0.082 | 0.081 | | 0.803 | | 1.00 B | 31 |
| TOTAL | 37.050 | 13.325 | 175.52 | 105.796 | 19.182 | 13.796 | 11.780 | 3.945 | 8.578 | 15.741 | 47.807 | 121.781 | TOTAL |
| MEAN | 1.20 | 0.476 | 5.66 | 3.53 | 0.618 | 0.460 | 0.379 | 0.127 | 0.219 | 0.508 | 1.59 | 3.83 | MEAN |
| MAX | 3.81 | 0.600 | 19.7 | 20.2 | 8.53 | 2.68 | 2.23 | 0.526 | 1.49 | 2.74 | 16.2 | 19.6 | MAX |
| MIN | 0.580 | 0.380 | 1.00 | 0.498 | 0.175 | 0.101 | 0.082 | 0.048 | 0.056 | 0.115 | 0.228 | 0.922 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.57
MAXIMUM DAILY, 20.2 ON APR 5
MINIMUM DAILY, 0.048 ON AUG 1
MAXIMUM INSTANTANEOUS,
28.4 AT 15:00 EST ON MAR 8

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 12 55 N
LONG 80 41 24 W
DRAINAGE AREA 149 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 200 | JUL | 1 020 |
| FEB | 1 150 | AUG | 341 |
| MAR | 15 200 | SEP | 584 |
| APR | 9 140 | OCT | 1 380 |
| MAY | 1 650 | NOV | 4 130 |
| JUN | 1 190 | DEC | 10 500 |

TOTAL DISCHARGE 48 500 dam³

## THAMES RIVER AT THAMESVILLE - STATION NO 02GE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 62.1 | 25.08 | 40.08 | 142 | 29.4 | 18.8 | 10.3 | 8.54 | 8.76 | 10.8 | 22.9 | 106 | 1 |
| 2 | 58.9 | 25.58 | 70.08 | 167 | 26.3 | 59.7 | 9.61 | 9.24 | 9.36 | 11.6 | 22.2 | 81.8 | 2 |
| 3 | 54.9 | 25.08 | 119 B | 159 | 24.5 | 47.8 | 9.15 | 12.3 | 9.30 | 11.2 | 21.7 | 74.0 | 3 |
| 4 | 51.8 | 24.08 | 117 | 138 | 23.8 | 44.5 | 8.78 | 25.0 | 9.48 | 11.8 | 21.8 | 71.0 | 4 |
| 5 | 47.0 | 23.58 | 91.2 | 145 | 26.0 | 31.6 | 8.81 | 14.8 | 8.88 | 12.2 | 21.3 | 64.6 | 5 |
| 6 | 41.2 | 23.08 | 79.5 | 203 | 22.3 | 23.3 | 8.88 | 11.2 | 8.22 | 10.2 | 20.2 | 51.0 | 6 |
| 7 | 42.0 | 22.58 | 85.9 | 289 | 21.8 | 21.8 | 10.8 | 10.3 | 8.01 | 9.89 | 19.7 | 44.3 | 7 |
| 8 | 46.4 | 23.88 | 125 | 311 | 20.9 | 20.5 | 9.46 | 9.82 | 7.77 | 9.88 | 19.2 | 44.3 | 8 |
| 9 | 46.1 | 23.08 | 205 | 219 | 20.4 | 18.1 | 9.01 | 11.3 | 7.72 | 10.1 | 17.9 | 58.2 | 9 |
| 10 | 43.3 | 22.28 | 282 | 136 | 18.9 | 15.3 | 9.81 | 16.7 | 7.99 | 11.0 | 25.7 | 72.7 | 10 |
| 11 | 42.4 | 21.58 | 298 | 95.0 | 16.3 | 17.6 | 19.5 | 18.7 | 8.34 | 10.8 | 28.8 | 80.6 | 11 |
| 12 | 41.9 | 22.38 | 207 | 84.1 | 15.7 | 13.6 | 27.1 | 16.1 | 9.38 | 10.1 | 21.2 | 85.4 | 12 |
| 13 | 40.8 | 23.08 | 130 | 85.9 | 14.8 | 13.8 | 20.1 | 13.0 | 15.0 | 9.76 | 20.0 | 83.9 | 13 |
| 14 | 39.7 | 22.08 | 94.4 | 101 | 12.5 | 14.1 | 15.6 | 11.1 | 15.7 | 9.33 | 20.7 | 78.2 | 14 |
| 15 | 64.0 | 21.38 | 77.9 | 108 | 15.0 | 12.9 | 18.3 | 9.98 | 12.8 | 9.25 | 20.4 | 86.1 | 15 |
| 16 | 95.1 | 20.78 | 68.0 | 88.8 | 18.7 | 11.4 | 23.3 | 9.77 | 11.3 | 9.20 | 19.8 | 141 | 16 |
| 17 | 88.1 | 20.08 | 61.2 | 75.3 | 16.8 | 10.9 | 21.7 | 9.54 | 11.2 | 9.45 | 19.6 | 142 | 17 |
| 18 | 82.1 | 19.88 | 58.4 | 65.7 | 17.8 | 10.3 | 16.8 | 8.86 | 18.4 | 10.2 | 19.7 | 130 | 18 |
| 19 | 86.7 | 19.58 | 57.7 | 57.5 | 17.0 | 9.89 | 16.0 | 9.23 | 20.6 | 10.9 | 19.6 | 105 | 19 |
| 20 | 56.5 | 19.38 | 64.5 | 51.7 | 17.2 | 9.76 | 11.3 | 9.41 | 18.0 | 10.8 | 19.1 | 111 | 20 |
| 21 | 44.58 | 19.18 | 83.3 | 47.2 | 17.1 | 9.78 | 10.4 | 9.42 | 16.5 | 10.6 | 19.2 | 164 | 21 |
| 22 | 39.58 | 19.38 | 103 | 43.3 | 16.7 | 9.50 | 9.88 | 12.0 | 18.1 | 10.5 | 19.9 | 200 | 22 |
| 23 | 37.08 | 19.58 | 113 | 39.2 | 16.6 | 9.69 | 9.30 | 10.7 | 16.6 | 11.6 | 19.1 | 231 | 23 |
| 24 | 35.08 | 19.88 | 118 | 36.3 | 11.4 | 13.9 | 8.86 | 9.87 | 13.5 | 13.6 | 27.7 | 195 | 24 |
| 25 | 33.08 | 20.08 | 119 | 35.7 | 7.70 | 14.8 | 9.54 | 8.24 | 11.6 | 17.7 | 47.3 | 168 | 25 |
| 26 | 31.58 | 20.48 | 106 | 33.6 | 12.1 | 12.3 | 10.1 | 8.06 | 10.6 | 21.3 | 133 | 145 | 26 |
| 27 | 30.28 | 20.98 | 92.6 | 31.5 | 12.8 | 10.7 | 9.60 | 9.86 | 9.86 | 22.9 | 140 | 144 | 27 |
| 28 | 29.08 | 27.08 | 86.5 | 31.3 | 13.1 | 10.5 | 9.01 | 12.4 | 9.87 | 26.6 | 160 | 139 | 28 |
| 29 | 28.28 | | 74.7 | 32.2 | 12.9 | 10.5 | 8.68 | 14.6 | 9.89 | 32.0 | 164 | 117 | 29 |
| 30 | 27.58 | | 67.4 | 31.0 | 12.4 | 10.3 | 8.65 | 11.1 | 10.0 | 29.3 | 145 | 91.1 | 30 |
| 31 | 26.78 | | 85.2 | | 12.3 | | 8.51 | 9.56 | | 25.4 | | 86.7 | 31 |
| TOTAL | 1 473.2 | 613.7 | 3 381.8 | 3 087.3 | 543.10 | 536.32 | 387.08 | 380.49 | 355.95 | 432.26 | 1 297.7 | 3 374.8 | TOTAL |
| MEAN | 47.5 | 21.9 | 109 | 103 | 17.5 | 17.9 | 12.5 | 11.5 | 11.9 | 13.9 | 43.3 | 108 | MEAN |
| MAX | 95.1 | 27.0 | 298 | 311 | 29.4 | 59.7 | 27.1 | 25.0 | 20.6 | 32.0 | 164 | 231 | MAX |
| MIN | 26.7 | 19.1 | 40.0 | 31.0 | 7.70 | 8.50 | 8.51 | 8.06 | 7.72 | 9.20 | 17.9 | 44.3 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.4
MAXIMUM DAILY, 311 ON APR 8
MINIMUM DAILY, 7.70 ON MAY 25
MAXIMUM INSTANTANEOUS,
325 AT 05.33 EST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 32 42 N
LONG 81 58 04 W
DRAINAGE AREA, 4 300 km²

B - ICE CONDITIONS

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 127 000 | JUL | 33 400 |
| FEB | 53 000 | AUG | 31 100 |
| MAR | 292 000 | SEP | 30 800 |
| APR | 287 000 | OCT | 37 300 |
| MAY | 46 800 | NOV | 112 000 |
| JUN | 46 500 | DEC | 292 000 |

TOTAL DISCHARGE, 1 370 000 dam³

## THAMES RIVER AT WOODSTOCK - STATION NO 02GD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.74 | 1.13 | 1.52 | 8.11 | 1.01 | 0.681 | 0.613 | 0.766 | 1.01 | 1.71 | 1.25 | 7.08 | 1 |
| 2 | 2.66 | 1.12 | 3.89 | 7.83 | 1.05 | 0.851 | 0.607 | 0.877 | 1.01 | 1.72 | 1.24 | 6.88 | 2 |
| 3 | 2.42 | 1.15 | 5.06 | 9.95 | 1.03 | 1.04 | 0.745 | 0.784 | 1.00 | 1.69 | 1.23 | 6.67 | 3 |
| 4 | 1.86 | 1.12 | 4.83 | 13.1 | 1.04 | 1.01 | 0.841 | 0.777 | 1.00 | 1.64 | 1.22 | 6.43 | 4 |
| 5 | 1.91 | 1.08 | 3.77 | 15.4 | 1.05 | 1.21 | 0.685 | 0.747 | 1.00 | 1.62 | 1.19 | 6.20 | 5 |
| 6 | 1.94 | 1.07 | 3.43 | 17.7 | 1.07 | 1.42 | 0.810 | 0.743 | 0.991 | 1.50 | 1.19 | 5.85 | 6 |
| 7 | 2.00 | 1.13 | 5.77 | 16.6 | 0.834 | 1.38 | 0.742 | 0.741 | 0.895 | 1.29 | 1.15 | 5.53 | 7 |
| 8 | 1.92 | 1.17 B | 17.4 | 15.1 | 0.631 | 1.34 | 1.56 | 0.735 | 0.894 | 1.29 | 1.20 | 5.20 | 8 |
| 9 | 1.85 | 1.04 B | 13.6 | 12.9 | 0.645 | 1.35 | 1.46 | 1.19 | 0.976 | 1.28 | 1.20 | 5.24 | 9 |
| 10 | 1.83 | 0.930 | 13.7 | 12.6 | 0.551 | 1.33 | 1.33 | 0.911 | 0.970 | 1.20 | 1.19 | 5.41 | 10 |
| 11 | 1.91 | 0.922 | 12.9 | 13.0 | 0.549 | 1.32 | 1.57 | 0.821 | 1.07 | 1.07 | 1.85 | 5.53 | 11 |
| 12 | 1.77 | 0.970 | 11.7 | 13.1 | 0.550 | 0.699 | 1.89 | 0.883 | 1.02 | 1.11 | 2.05 | 5.84 | 12 |
| 13 | 1.75 | 0.999 | 10.1 | 7.82 | 0.537 | 0.592 | 1.88 | 1.09 | 1.01 | 1.09 | 2.06 | 5.51 | 13 |
| 14 | 1.75 | 0.983 | 8.24 | 3.63 | 0.600 | 0.807 | 2.85 | 1.15 | 0.989 | 1.08 | 1.98 | 5.33 | 14 |
| 15 | 2.64 | 0.893 | 6.51 | 3.78 | 0.585 | 0.587 | 2.00 | 1.13 | 0.981 | 1.07 | 1.93 | 5.73 | 15 |
| 16 | 4.75 | 0.815 | 3.76 | 3.87 | 0.507 | 0.567 | 1.80 | 1.22 | 0.968 | 1.07 | 1.90 | 6.27 | 16 |
| 17 | 4.10 | 0.766 | 0.774 | 3.63 | 0.486 | 0.590 | 1.77 | 1.25 | 1.10 | 1.08 | 1.88 | 6.32 | 17 |
| 18 | 3.22 | 0.785 | 0.849 | 3.60 | 0.530 | 0.594 | 1.67 | 1.16 | 1.13 | 1.06 | 1.83 | 6.25 | 18 |
| 19 | 2.46 | 0.757 | 0.933 | 3.54 | 0.498 | 0.593 | 1.64 | 1.11 | 1.06 | 1.03 | 1.79 | 6.04 | 19 |
| 20 | 1.76 | 0.731 | 0.990 | 3.50 | 0.486 | 0.597 | 1.59 | 1.13 | 1.05 | 1.03 | 1.86 | 7.36 | 20 |
| 21 | 2.12 | 0.7198 | 1.03 | 2.56 | 0.469 | 0.618 | 1.55 | 1.10 | 1.06 | 1.07 | 1.71 | 8.41 | 21 |
| 22 | 2.01 | 0.713 | 1.07 | 1.37 | 0.470 | 0.731 | 1.53 | 0.855 | 1.05 | 1.08 | 1.66 | 8.32 | 22 |
| 23 | 1.84 | 0.736 | 1.07 | 1.42 | 0.444 | 0.833 | 1.52 | 1.05 | 1.04 | 1.25 | 1.63 | 8.12 | 23 |
| 24 | 1.39 | 0.737 | 1.08 | 1.40 | 0.436 | 0.896 | 1.14 | 1.04 | 1.55 | 1.22 | 1.60 | 10.2 | 24 |
| 25 | 1.22 | 0.709 | 1.20 | 1.40 | 0.463 | 0.605 | 0.846 | 1.04 | 1.98 | 1.38 | 3.20 | 12.6 | 25 |
| 26 | 1.19 | 0.705 | 1.48 | 1.38 | 0.424 | 0.613 | 0.856 | 1.05 | 1.86 | 1.24 | 4.38 | 12.4 | 26 |
| 27 | 1.18 | 0.712 | 2.14 | 1.18 | 0.416 | 0.625 | 0.800 | 1.07 | 1.83 | 1.57 | 4.99 | 11.7 | 27 |
| 28 | 1.18 | 0.756 | 3.74 | 1.04 | 0.451 | 0.612 | 0.836 | 1.03 | 1.80 | 1.61 | 7.09 | 10.8 | 28 |
| 29 | 1.18 | | 3.89 | 1.04 | 0.425 | 0.612 | 0.772 | 1.03 | 1.78 | 1.40 | 7.25 | 8.32 | 29 |
| 30 | 1.25 | | 5.34 | 1.03 | 0.548 | 0.614 | 0.766 | 1.03 | 1.77 | 1.35 | 7.14 | 6.87 | 30 |
| 31 | 1.21 | | 8.18 | | 0.595 | | 0.768 | 1.02 | | 1.27 | | 7.58 | 31 |
| TOTAL | 63.00 | 25.348 | 180.546 | 204.89 | 19.682 | 24.807 | 39.837 | 30.530 | 36.044 | 40.06 | 71.52 | 224.19 | TOTAL |
| MEAN | 2.03 | 0.905 | 5.18 | 6.82 | 0.634 | 0.827 | 1.29 | 0.985 | 1.20 | 1.29 | 2.38 | 7.23 | MEAN |
| MAX | 4.75 | 1.17 | 17.4 | 18.6 | 1.07 | 1.42 | 2.85 | 1.25 | 1.98 | 1.72 | 7.25 | 12.6 | MAX |
| MIN | 1.18 | 0.705 | 0.774 | 1.03 | 0.416 | 0.587 | 0.607 | 0.735 | 0.968 | 1.03 | 1.15 | 4.87 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.58
MAXIMUM DAILY, 18.6 ON APR 7
MINIMUM DAILY, 0.416 ON MAY 27
MAXIMUM INSTANTANEOUS,
21.0 AT 19.56 EST ON MAR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 38 N
LONG 80 45 04 W
DRAINAGE AREA, 254 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 440 | JUL | 3 440 |
| FEB | 2 190 | AUG | 2 640 |
| MAR | 13 900 | SEP | 3 110 |
| APR | 17 700 | OCT | 3 460 |
| MAY | 1 700 | NOV | 6 180 |
| JUN | 2 140 | DEC | 19 400 |

TOTAL DISCHARGE, 81 300 dam³

## THAMES RIVER NEAR DUTTON - STATION NO. 02GE005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 52.3 | 22.0B | 35.0B | 150 | 23.9 | 53.3 | 8.88 | 7.71 | 7.70E | 9.60E | 17.1 | 75.3 | 1 |
| 2 | 48.4 | 21.8B | 62.0B | 140 | 21.2 | 52.9 | 8.39 | 8.44 | 7.95E | 9.00E | 16.4 | 64.2 | 2 |
| 3 | 46.2 | 21.2B | 100 B | 128 | 19.5 | 44.6 | 8.08 | 23.7 | 8.00E | 9.30E | 16.4 | 61.2 | 3 |
| 4 | 42.8 | 20.9B | 90.6 | 113 | 22.6 | 34.5 | 8.18 | 14.1 | 7.50E | 9.60E | 16.6 | 55.8 | 4 |
| 5 | 37.1 | 20.8B | 72.9 | 136 | 18.8 | 21.3 | 8.36 | 10.3 | 7.10E | 9.50E | 16.0 | 44.5 | 5 |
| 6 | 38.7 | 20.7B | 67.5 | 217 | 18.2 | 19.9 | 10.1 | 9.33 | 6.90E | 9.10E | 15.9 | 35.1 | 6 |
| 7 | 36.1 | 21.4B | 84.3 | 291 | 17.6 | 18.6 | 8.72 | 8.87 | 6.80E | 8.90E | 15.8 | 32.8 | 7 |
| 8 | 34.9 | 22.2B | 147 | 235 | 17.4 | 18.9 | 8.42 | 8.59 | 6.70E | 9.10E | 13.4 | 34.2 | 8 |
| 9 | 37.2 | 21.2B | 235 | 148 | 16.4 | 12.4 | 8.85 | 9.69 | 6.75E | 9.58E | 14.8 | 45.5 | 9 |
| 10 | 35.5 | 20.2B | 293 | 102 | 14.0 | 15.4 | 14.9 | 14.1 | 7.30E | 9.30E | 29.5 | 83.3 | 10 |
| 11 | 35.6 | 21.0B | 233 | 81.0 | 13.4 | 12.5 | 26.4 | 13.4 | 8.56 | 8.80E | 17.5 | 71.0 | 11 |
| 12 | 34.7 | 21.8B | 147 | 73.2 | 12.6 | 12.4 | 18.1 | 11.6 | 10.7 | 8.60E | 16.0 | 88.2 | 12 |
| 13 | 33.4 | 20.8B | 101 | 83.7 | 10.4 | 12.8 | 13.6 | 9.83 | 13.8 | 8.40E | 17.1 | 87.1 | 13 |
| 14 | 32.7 | 19.6B | 78.4 | 101 | 11.3 | 11.8 | 18.1 | 8.84 | 11.9 | 8.75E | 17.2 | 80.9 | 14 |
| 15 | 56.2 | 18.8B | 67.3 | 80.0 | 15.2 | 10.4 | 20.9 | 8.63 | 9.44 | 8.50E | 16.5 | 89.2 | 15 |
| 16 | 75.1 | 18.0B | 58.2 | 74.2 | 18.2 | 10.1 | 20.2 | 8.61 | 8.77 | 8.90E | 16.0 | 108 | 16 |
| 17 | 78.6 | 17.8B | 55.4 | 64.5 | 15.3 | 9.87 | 15.2 | 8.23 | 8.47 | 9.30E | 15.8 | 120 | 17 |
| 18 | 66.6 | 17.7B | 53.2 | 54.9 | 14.3 | 9.50 | 15.1 | 8.26 | 17.3 E | 9.90E | 16.2 | 89.9 | 18 |
| 19 | 53.8 | 17.8B | 56.0 | 48.1 | 14.5 | 9.16 | 10.5 | 8.68 | 17.8 E | 9.70E | 15.8 | 75.8 | 19 |
| 20 | 46.4 | 17.5B | 71.8 | 43.7 | 14.6 | 8.80 | 9.89 | 8.89 | 16.3 E | 9.50E | 15.7 | 82.7 | 20 |
| 21 | 36.0B | 17.5B | 92.8 | 40.4 | 14.6 | 8.86 | 9.30 | 8.33 | 15.5 E | 9.35E | 16.9 | 154 | 21 |
| 22 | 33.5B | 17.8B | 106 | 36.4 | 14.7 | 8.89 | 8.37 | 8.46 | 15.2 E | 9.24E | 15.8 | 204 | 22 |
| 23 | 31.5B | 17.7B | 112 | 32.7 | 10.6 | 12.4 | 7.91 | 8.51 | 12.8 E | 10.4 | 14.0 | 198 | 23 |
| 24 | 30.0B | 17.8B | 116 | 31.9 | 8.56 | 14.1 | 8.45 | 7.73 | 11.4 E | 12.0 | 21.6 | 155 | 24 |
| 25 | 28.5B | 17.9B | 109 | 31.2 | 10.5 | 11.5 | 9.27 | 7.12 | 10.2 E | 14.8 | 38.1 | 127 | 25 |
| 26 | 27.0B | 18.2B | 93.0 | 28.3 | 11.2 | 9.91 | 8.84 | 7.26 | 9.30E | 15.3 | 100 | 132 | 26 |
| 27 | 28.0B | 18.8B | 86.3 | 27.1 | 11.7 | 9.79 | 8.04 | 9.12 | 8.70E | 14.3 | 136 | 132 | 27 |
| 28 | 25.2B | 20.0B | 77.5 | 26.1 | 11.6 | 9.71 | 7.84 | 12.9 | 8.40E | 24.2 | 151 | 115 | 28 |
| 29 | 24.5B | | 63.2 | 26.1 | 11.3 | 9.48 | 7.91 | 10.1 | 8.45E | 24.1 | 134 | 91.6 | 29 |
| 30 | 23.8B | | 84.4 | 26.4 | 11.1 | 9.38 | 7.78 | 8.20E | 8.80E | 20.9 | 102 | 86.2 | 30 |
| 31 | 22.4B | | 103 | | 12.1 | | 7.74 | 7.50E | | 18.7 | | 62.7 | 31 |
| TOTAL | 1 231.9 | 848.3 | 3 132.6 | 2 885.9 | 453.76 | 501.03 | 351.00 | 303.84 | 304.49 | 356.69 | 1 086.2 | 2 751.7 | TOTAL |
| MEAN | 39.7 | 19.6 | 101 | 89.5 | 14.6 | 16.7 | 11.3 | 9.80 | 10.1 | 11.5 | 35.5 | 88.8 | MEAN |
| MAX | 78.6 | 22.2 | 293 | 291 | 23.6 | 53.3 | 26.4 | 23.7 | 17.8 | 24.2 | 151 | 204 | MAX |
| MIN | 22.4 | 17.5 | 36.0 | 26.4 | 8.56 | 8.86 | 7.74 | 7.12 | 8.70 | 8.40 | 13.4 | 32.8 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.5
MAXIMUM DAILY, 293 ON MAR 10
MINIMUM DAILY, 8.56 ON MAY 24
MAXIMUM INSTANTANEOUS,
300 AT 14:58 EST ON MAR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 43 51 N
LONG 81 34 43 W
DRAINAGE AREA, 3 780 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 106 000 | JUL | 30 300 |
| FEB | 47 400 | AUG | 26 200 |
| MAR | 271 000 | SEP | 25 300 |
| APR | 232 000 | OCT | 30 800 |
| MAY | 39 200 | NOV | 92 100 |
| JUN | 43 300 | DEC | 238 000 |

TOTAL DISCHARGE, 1 180 000 dam³

## THAMES RIVER NEAR EALING - STATION NO. 02GD001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18.6 | 8.80B | 11.0B | 43.8 | 8.53 | 42.4 | 4.20 | 2.87 | 3.80 | 4.39 | 5.71 | 25.7 | 1 |
| 2 | 17.8 | 8.80B | 25.0B | 40.0 | 7.92 | 22.7 | 4.11 | 8.77 | 4.05 | 5.03 | 5.42 | 21.3 | 2 |
| 3 | 16.9 | 8.40B | 40.3 | 38.7 | 7.79 | 14.4 | 4.09 | 5.31 | 3.81 | 4.91 | 5.44 | 18.6 | 3 |
| 4 | 14.6 | 8.10B | 28.7 | 41.8 | 7.46 | 10.7 | 5.51 | 4.17 | 3.84 | 4.31 | 5.26 | 17.2 | 4 |
| 5 | 14.2 | 7.90B | 24.3 | 89.4 | 7.43 | 8.41 | 8.34 | 3.70 | 3.50 | 4.36 | 5.30 | 15.5 | 5 |
| 6 | 14.0 | 7.60B | 25.3 | 140 | 7.18 | 7.39 | 4.50 | 3.51 | 3.45 | 4.29 | 5.76 | 14.3 | 6 |
| 7 | 14.3 | 7.10B | 49.0 | 98.9 | 7.04 | 6.93 | 4.56 | 3.35 | 3.45 | 4.33 | 5.52 | 13.3 | 7 |
| 8 | 13.9 | 8.50B | 103 | 84.1 | 6.57 | 6.74 | 4.89 | 3.30 | 3.48 | 4.37 | 6.20 | 13.1 | 8 |
| 9 | 13.5 | 6.20B | 130 | 65.0 | 5.89 | 7.18 | 9.19 | 4.95 | 3.52 | 4.27 | 8.53 | 16.4 | 9 |
| 10 | 13.5 | 8.50B | 71.8 | 35.6 | 5.79 | 8.19 | 14.1 | 8.22 | 3.48 | 4.05 | 7.84 | 25.9 | 10 |
| 11 | 13.4 | 6.80B | 49.3 | 31.5 | 5.88 | 5.84 | 11.9 | 5.23 | 4.50 | 4.02 | 6.76 | 22.1 | 11 |
| 12 | 13.0 | 7.00B | 37.1 | 33.8 | 5.87 | 5.29 | 8.12 | 4.08 | 5.45 | 3.87 | 6.27 | 21.6 | 12 |
| 13 | 12.5 | 6.60B | 30.5 | 53.4 | 5.48 | 5.49 | 6.79 | 3.78 | 4.50 | 3.86 | 6.58 | 22.4 | 13 |
| 14 | 12.7 | 6.10B | 26.7 | 61.1 | 5.19 | 4.84 | 11.0 | 3.77 | 4.88 | 3.89 | 6.30 | 19.1 | 14 |
| 15 | 20.5 | 6.00B | 23.5 | 29.2 | 5.73 | 4.59 | 11.8 | 3.67 | 4.16 | 3.98 | 6.06 | 23.6 | 15 |
| 16 | 32.7 | 5.95B | 21.6 | 25.1 | 5.99 | 4.33 | 7.58 | 3.52 | 3.89 | 3.84 | 5.75 | 44.2 | 16 |
| 17 | 26.9 | 5.90B | 18.7 | 22.0 | 5.42 | 4.08 | 5.81 | 3.68 | 4.28 | 4.11 | 5.71 | 34.7 | 17 |
| 18 | 21.6 | 5.85B | 16.7 | 19.5 | 5.51 | 3.94 | 5.18 | 3.76 | 4.68 | 4.00 | 5.58 | 26.5 | 18 |
| 19 | 17.7 | 5.80B | 17.8 | 17.9 | 5.56 | 3.87 | 4.85 | 3.55 | 4.38 | 3.87 | 5.67 | 23.1 | 19 |
| 20 | 13.5 B | 5.78B | 19.6 | 16.3 | 5.56 | 3.79 | 4.47 | 3.42 | 4.17 | 3.98 | 5.74 | 47.4 | 20 |
| 21 | 11.2 B | 5.78B | 19.8 | 15.4 | 5.61 | 3.71 | 4.22 | 3.48 | 4.85 | 4.07 | 5.84 | 108 | 21 |
| 22 | 9.80B | 5.76B | 19.1 | 13.0 | 5.37 | 6.33 | 3.93 | 3.61 | 4.43 | 4.88 | 5.26 | 71.4 | 22 |
| 23 | 8.00B | 5.72B | 18.9 | 12.1 | 5.14 | 8.00 | 3.89 | 3.41 | 4.26 | 4.98 | 5.81 | 42.6 | 23 |
| 24 | 6.50B | 5.71B | 18.4 | 12.4 | 4.88 | 5.59 | 4.32 | 3.50 | 3.89 | 5.70 | 5.90 | 32.3 | 24 |
| 25 | 7.40B | 5.71B | 17.5 | 11.1 | 4.82 | 4.52 | 4.04 | 3.43 | 4.10 | 7.18 | 16.3 | 36.8 | 25 |
| 26 | 9.50B | 5.74B | 24.9 | 10.3 | 4.83 | 4.63 | 3.84 | 3.91 | 4.29 | 7.15 | 52.3 | 42.9 | 26 |
| 27 | 8.40B | 5.80B | 25.8 | 10.3 | 4.79 | 4.37 | 3.47 | 4.62 | 4.13 | 9.02 | 38.6 | 33.5 | 27 |
| 28 | 9.30B | 6.20B | 22.5 | 10.6 | 4.87 | 4.33 | 3.25 | 4.14 | 4.27 | 11.1 | 24.3 | 28.1 | 28 |
| 29 | 9.20B | | 21.0 | 9.84 | 4.83 | 4.34 | 3.24 | 3.90 | 4.54 | 9.11 | 24.8 | 24.1 | 29 |
| 30 | 9.10B | | 30.4 | 9.10 | 5.31 | 4.20 | 3.16 | 3.72 | 4.49 | 7.17 | 30.7 | 17.6 | 30 |
| 31 | 9.00B | | 51.3 | | 50.6 | | 3.08 | 3.86 | | 6.15 | | 17.1 | 31 |
| TOTAL | 434.00 | 183.86 | 1 039.3 | 1 039.34 | 230.62 | 230.02 | 178.23 | 126.30 | 124.30 | 181.00 | 331.02 | 917.4 | TOTAL |
| MEAN | 14.0 | 6.57 | 33.5 | 34.6 | 7.44 | 7.67 | 5.78 | 4.07 | 4.14 | 5.19 | 11.0 | 29.6 | MEAN |
| MAX | 32.7 | 8.80 | 130 | 140 | 50.6 | 42.4 | 14.1 | 8.22 | 5.45 | 11.1 | 52.3 | 108 | MAX |
| MIN | 6.50 | 5.71 | 11.0 | 9.10 | 4.57 | 3.71 | 3.08 | 2.87 | 3.45 | 3.84 | 5.26 | 13.1 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 140 ON APR 6
MINIMUM DAILY, 2.87 ON AUG 1
MAXIMUM INSTANTANEOUS,
149 AT 08 47 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 58 21 N
LONG 81 12 35 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 37 500 | JUL | 15 500 |
| FEB | 15 900 | AUG | 10 900 |
| MAR | 88 800 | SEP | 10 700 |
| APR | 88 800 | OCT | 13 900 |
| MAY | 19 900 | NOV | 28 800 |
| JUN | 19 900 | DEC | 79 300 |

TOTAL DISCHARGE 432 000 dam³

## THAMES RIVER NEAR TAVISTOCK - STATION NO 02GD023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | 0.033 | 0.014 | 0.018 | 0.021 | 0.100 | 0.568 | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 0.028 | 0.050 | 0.018 | 0.024 | 0.091 | 0.412 | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 0.101 | 0.052 | 0.012 | 0.031 | 0.086 | 0.301 | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 0.206 | 0.034 | 0.009 | 0.023 | 0.078 | 0.246 | 4 |
| 5 | --- | --- | --- | 5.69A | --- | --- | 0.065 | 0.028 | 0.009 | 0.022 | 0.075 | 0.202 | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 0.056 | 0.026 | 0.012 | 0.020 | 0.077 | 0.176 | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 0.113 | 0.029 | 0.015 | 0.022 | 0.075 | 0.155 | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 0.102 | 0.029 | 0.013 | 0.031 | 0.109 | 0.139 | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 0.100 | 0.109 | 0.010 | 0.022 | 0.224 | 0.978 | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 0.644 | 0.082 | 0.007 | 0.016 | 0.179 | 0.904 | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 0.269 | 0.058 | 0.029 | 0.018 | 0.130 | 0.504 | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 0.103 | 0.048 | 0.044 | 0.018 | 0.114 | 0.807 | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 0.058 | 0.042 | 0.045 | 0.014 | 0.106 | 0.491 | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 0.109 | 0.037 | 0.027 | 0.017 | 0.093 | 0.382 | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 0.081 | 0.030 | 0.028 | 0.015 | 0.084 | 0.893 | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 0.064 | 0.021 | 0.026 | 0.015 | 0.081 | 1.12 | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 0.045 | 0.026 | 0.026 | 0.018 | 0.080 | 0.815 | 17 |
| 18 | --- | --- | --- | --- | --- | 0.023A | 0.034 | 0.021 | 0.037 | 0.024 | 0.083 | 0.422 | 18 |
| 19 | --- | --- | --- | --- | --- | 0.024 | 0.028 | 0.023 | 0.036 | 0.021 | 0.077 | 0.349 | 19 |
| 20 | --- | --- | --- | --- | --- | 0.022 | 0.023 | 0.013 | 0.035 | 0.021 | 0.073 | 4.15 | 20 |
| 21 | --- | --- | --- | --- | --- | 0.024 | 0.020 | 0.012 | 0.044 | 0.031 | 0.076 | 3.85 | 21 |
| 22 | --- | --- | --- | --- | --- | 0.045 | 0.017 | 0.016 | 0.049 | 0.051 | 0.072 | 1.28 | 22 |
| 23 | --- | --- | --- | --- | --- | 0.043 | 0.015 | 0.012 | 0.036 | 0.068 | 0.069 | 0.723 | 23 |
| 24 | --- | --- | --- | --- | --- | 0.036 | 0.016 | 0.008 | 0.029 | 0.119 | 0.071 | 0.564 | 24 |
| 25 | --- | --- | --- | --- | --- | 0.032 | 0.022 | 0.007 | 0.022 | 0.234 | 2.28 | 3.00 | 25 |
| 26 | --- | --- | --- | --- | --- | 0.037 | 0.021 | 0.010 | 0.025 | 0.138 | 3.45 | 1.37 | 26 |
| 27 | --- | --- | --- | --- | --- | 0.034 | 0.017 | 0.025 | 0.022 | 0.345 | 1.10 | 0.818 | 27 |
| 28 | --- | --- | --- | --- | --- | 0.039 | 0.018 | 0.023 | 0.022 | 0.439 | 0.584 | 0.384 | 28 |
| 29 | --- | | --- | --- | --- | 0.040 | 0.017 | 0.019 | 0.020 | 0.191 | 1.12 | 0.2588 | 29 |
| 30 | --- | | --- | --- | --- | 0.035 | 0.016 | 0.014 | 0.023 | 0.157 | 1.03 | 0.2078 | 30 |
| 31 | --- | | --- | | --- | | 0.016 | 0.016 | | 0.125 | | 0.1808 | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | 2.516 | 0.934 | 0.748 | 2.326 | 11.877 | 25.909 | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | 0.081 | 0.030 | 0.025 | 0.075 | 0.396 | 0.836 | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | 0.644 | 0.109 | 0.049 | 0.439 | 3.45 | 4.15 | MAX |
| MIN | --- | --- | --- | --- | --- | --- | 0.016 | 0.007 | 0.007 | 0.014 | 0.069 | 0.155 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.007 ON AUG 25
MAXIMUM INSTANTANEOUS,
7.85 AT 16 36 EST ON DEC 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 18 17 N
LONG 80 51 00 W
DRAINAGE AREA, 34.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 217 |
| FEB | --- | AUG | 80.7 |
| MAR | --- | SEP | 84.6 |
| APR | --- | OCT | 201 |
| MAY | --- | NOV | 1 030 |
| JUN | --- | DEC | 2 240 |

REMARKS - STATION ACTIVATED JUNE 18 1987

## THREE MILE CREEK AT MOUNT HOPE - STATION NO. 02HA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.026 | 0.0058 | 0.3928 | 0.163 | 0.003 | 0 | --- | --- | --- | --- | --- | --- | 1 |
| 2 | 0.026 | 0.0058 | 0.4628 | 0.158 | 0.002 | 0 | --- | --- | --- | --- | --- | --- | 2 |
| 3 | 0.0238 | 0.0068 | 0.3288 | 0.171 | 0.002 | 0 | --- | --- | --- | --- | --- | --- | 3 |
| 4 | 0.0238 | 0.0068 | 0.2008 | 0.574 | 0.002 | 0 | --- | --- | --- | --- | --- | --- | 4 |
| 5 | 0.0238 | 0.0058 | 0.1508 | 2.04 | 0.002 | 0 | --- | --- | --- | --- | --- | --- | 5 |
| 6 | 0.0228 | 0.0058 | 0.2408 | 1.10 | 0.001 | 0 | --- | --- | --- | --- | --- | --- | 6 |
| 7 | 0.041 | 0.0058 | 0.427 | 0.444 | 0.001 | 0 | --- | --- | --- | --- | --- | --- | 7 |
| 8 | 0.044 | 0.0068 | 0.388 | 0.120 | 0.001 | 0 | --- | --- | --- | --- | --- | --- | 8 |
| 9 | 0.028 | 0.0078 | 0.168 | 0.036 | 0.001 | 0 | --- | --- | --- | --- | --- | --- | 9 |
| 10 | 0.022 | 0.0078 | 0.0248 | 0.029 | 0 | 0 | --- | --- | --- | --- | --- | --- | 10 |
| 11 | 0.022 | 0.0088 | 0.0138 | 0.019 | 0 | 0 | --- | --- | --- | --- | --- | --- | 11 |
| 12 | 0.020 | 0.0068 | 0.011 | 0.053 | 0 | 0 | --- | --- | --- | --- | --- | --- | 12 |
| 13 | 0.022 | 0.0058 | 0.013 | 0.083 | 0 | 0 | --- | --- | --- | --- | --- | --- | 13 |
| 14 | 0.032 | 0.0048 | 0.012 | 0.037 | 0 | 0 | --- | --- | --- | --- | --- | --- | 14 |
| 15 | 0.3048 | 0.0048 | 0.012 | 0.030 | 0 | 0 | --- | --- | --- | --- | --- | --- | 15 |
| 16 | 0.2038 | 0.0038 | 0.011 | 0.035 | 0 | 0A | --- | --- | --- | --- | --- | --- | 16 |
| 17 | 0.0568 | 0.0038 | 0.011 | 0.030 | 0 | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | 0.0218 | 0.0038 | 0.012 | 0.021 | 0 | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | 0.0188 | 0.0028 | 0.010 | 0.016 | 0 | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | 0.0158 | 0.0028 | 0.013 | 0.011 | 0 | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | 0.0138 | 0.0028 | 0.015 | 0.008 | 0 | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | 0.0108 | 0.0028 | 0.016 | 0.004 | 0 | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | 0.0078 | 0.0038 | 0.018 | 0.006 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | 0.0058 | 0.0038 | 0.015 | 0.006 | 0.001 | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | 0.0038 | 0.0048 | 0.031 | 0.004 | 0 | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | 0.0028 | 0.0058 | 0.063 | 0.003 | 0 | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | 0.0028 | 0.0118 | 0.035 | 0.003 | 0 | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | 0.0038 | 0.0238 | 0.026 | 0.006 | 0 | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | 0.0038 | | 0.023 | 0.005 | 0 | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | 0.0048 | | 0.112 | 0.003 | 0 | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | 0.0058 | | 0.226 | | 0 | | --- | --- | | --- | | --- | 31 |
| TOTAL | 1.049 | 0.148 | 3.477 | 5.238 | 0.017 | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 0.034 | 0.005 | 0.112 | 0.175 | 0.001 | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 0.304 | 0.023 | 0.462 | 2.04 | 0.003 | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 0.002 | 0.002 | 0.010 | 0.003 | 0 | --- | --- | --- | --- | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.04 ON APR 5
MINIMUM DAILY, 0 ON MAY 10

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 09 58 N
LONG 79 54 34 W
DRAINAGE AREA, 4.38 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 90.6 | JUL | --- |
| FEB | 12.8 | AUG | --- |
| MAR | 300 | SEP | --- |
| APR | 453 | OCT | --- |
| MAY | 1.47 | NOV | --- |
| JUN | --- | DEC | --- |

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. STATION DISCONTINUED JUN 16 1987

## TRENT CANAL LOCK 42 NEAR WASHAGO - STATION NO 02EC016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| 29 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 0 | | 0 | | 0 | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0
MAXIMUM DAILY 0 ON JAN 1
MINIMUM DAILY 0 ON JAN 1

DATA CONTRIBUTED BY -
PARKS CANADA (DOE) (CANADA)

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 48 11 N
LONG 79 21 01 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 0 |
| FEB | 0 | AUG | 0 |
| MAR | 0 | SEP | 0 |
| APR | 0 | OCT | 0 |
| MAY | 0 | NOV | 0 |
| JUN | 0 | DEC | 0 |

TOTAL DISCHARGE 0 dam³

## TRENT RIVER AT GLEN ROSS - STATION NO 02HK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 205 | 101 B | 98 OB | 343 | 147 | 83 0 | 47 4 | 9 25 | 25 4 | 33 8 | 76 7 | 95 2 | 1 |
| 2 | 197 | 101 B | 109 E | 377 | 115 | 86 5 | 28 7 | 4 80E | 40 8 | 31 6 | 84 1 | 92 OB | 2 |
| 3 | 1678 | 101 B | 134 B | 414 | 116 | 87 8 | 27 0 | 6 10 | 43 8 | 32 0 | 67 8 | 89 0 | 3 |
| 4 | 1638 | 101 B | 146 B | 436 | 98 0 | 87 8 | 32 4 | 14 0 | 40 9 | 31 4 | 69 5 | 86 8 | 4 |
| 5 | 1788 | 101 B | 153 B | 447 | 90 2 | 82 9 | 36 3 | 22 0 | 36 6 | 30 2 | 66 7 | 85 5 | 5 |
| 6 | 183 | 101 B | 154 B | 506 | 84 8 | 73 5 | 43 9 | 31 3 | 24 9 | 30 4 | 61 7 | 82 3 | 6 |
| 7 | 183 | 101 B | 156 B | 570 | 48 1 | 62 3 | 45 1 | 36 5 | 19 6 | 35 4 | 57 3 | 84 5 | 7 |
| 8 | 1728 | 101 B | 164 B | 601 | 49 8 | 67 6 | 40 4 | 31 3 | 18 7 | 36 7 | 58 5 | 104 | 8 |
| 9 | 178 | 101 B | 176 B | 633 | 46 0 | 76 1 | 26 6 | 28 4 | 24 7 | 53 3 | 90 7 | 106 | 9 |
| 10 | 180 | 100 B | 180 B | 827 | 36 7 | 78 8 | 25 8 | 25 1 | 48 4 | 45 9 | 125 | 122 | 10 |
| 11 | 182 | 100 B | 184 B | 612 | 41 0 | 57 9 | 27 1 | 21 4 | 47 0 | 44 9 | 130 | 143 | 11 |
| 12 | 183 | 100 B | 189 B | 606 | 45 0 | 42 0 | 31 3 | 17 3 | 43 6 | 42 9 | 144 | 164 | 12 |
| 13 | 185 | 99 OB | 190 B | 590 | 43 5 | 40 7 | 33 3 | 16 5 | 46 1 | 40 3 | 125 | 157 | 13 |
| 14 | 185 | 98 OB | 189 B | 568 | 33 2 | 41 7 | 40 3 | 24 1 | 45 6 | 38 6 | 88 4 | 178 | 14 |
| 15 | 187 | 97 OB | 184 B | 555 | 24 5 | 40 2 | 51 6 | 24 7 | 47 8 | 32 2 | 91 1 | 202 | 15 |
| 16 | 185 | 95 OB | 173 | 477 | 35 1 | 32 8 | 54 0 | 18 4 | 50 1 | 31 6 | 93 3 | 225 B | 16 |
| 17 | 182 | 94 OB | 135 | 421 | 46 8 | 27 0 | 43 5 | 13 4 | 38 2 | 34 7 | 95 0 | 222 B | 17 |
| 18 | 182 | 94 OB | 130 | 368 | 69 5 | 26 0 | 32 5 | 12 9 | 19 2 | 31 5 | 106 | 228 | 18 |
| 19 | 1758 | 93 OB | 137 | 307 | 76 8 | 25 9 | 24 2 | 9 71 | 11 9 | 29 6 | 102 | 214 | 19 |
| 20 | 1738 | 92 OB | 145 B | 294 | 76 0 | 25 4 | 18 6 | 9 14 | 11 7 | 28 7 | 91 OB | 202 B | 20 |
| 21 | 1718 | 91 OB | 148 | 269 | 57 4 | 24 7 | 18 3 | 8 84 | 15 2 | 27 6 | 88 OB | 204 B | 21 |
| 22 | 1688 | 91 OB | 159 | 224 | 48 9 | 22 9 | 25 3 | 9 28 | 32 9 | 28 7 | 86 OB | 206 | 22 |
| 23 | 1648 | 90 OB | 187 | 153 | 59 4 | 24 2 | 35 2 | 10 8 | 53 9 | 42 0 | 75 9 | 207 B | 23 |
| 24 | 1638 | 90 OB | 205 | 129 | 87 6 | 38 3 | 36 3 | 13 0 | 55 7 | 53 5 | 63 0 | 208 | 24 |
| 25 | 1628 | 89 OB | 218 | 122 | 87 4 | 46 9 | 31 1 | 13 3 | 49 8 | 60 4 | 84 OB | 210 B | 25 |
| 26 | 1358 | 88 OB | 239 | 103 | 80 7 | 58 7 | 28 0 | 12 1 | 41 5 | 71 3 | 88 OB | 220 B | 26 |
| 27 | 1138 | 87 OB | 254 | 102 | 70 8 | 83 0 | 30 3 | 12 0 | 26 8 | 83 1 | 70 0 | 221 B | 27 |
| 28 | 1018 | 88 OB | 254 | 113 | 62 3 | 81 5 | 27 5 | 11 7 | 25 1 | 85 1 | 72 8 | 210 B | 28 |
| 29 | 1018 | | 231 | 172 | 62 7 | 54 9 | 15 7 | 11 6 | 27 9 | 81 6 | 89 0 | 201 B | 29 |
| 30 | 1018 | | 220 | 183 | 65 6 | 50 6 | 10 4 | 12 1 | 33 7 | 79 8 | 101 | 193 B | 30 |
| 31 | 1018 | | 299 | | 71 9 | | 10 8 | 13 4 | | 77 1 | | 169 B | 31 |
| TOTAL | 5 145 | 2 685 0 | 5 542 0 | 11 338 | 2 096 7 | 1 632 2 | 878 8 | 504 02 | 1 047 3 | 1 404 6 | 2 579 3 | 5 182 3 | TOTAL |
| MEAN | 166 | 95 9 | 179 | 378 | 66 3 | 54 4 | 31 6 | 16 3 | 34 9 | 45 3 | 86 0 | 166 | MEAN |
| MAX | 205 | 101 | 299 | 633 | 147 | 86 5 | 54 0 | 36 5 | 55 7 | 85 1 | 144 | 228 | MAX |
| MIN | 101 | 87 0 | 98 0 | 102 | 24 5 | 22 9 | 10 4 | 4 80 | 11 7 | 27 6 | 57 3 | 82 3 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 110
MAXIMUM DAILY 633 ON APR 9
MINIMUM DAILY 4 80E ON AUG 2
MAXIMUM INSTANTANEOUS
655 AT 05 55 EST ON APR 10

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 50 N
LONG 77 36 10 W
DRAINAGE AREA 12 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 445 000 | JUL | 84 600 |
| FEB | 232 000 | AUG | 43 500 |
| MAR | 479 000 | SEP | 80 500 |
| APR | 980 000 | OCT | 121 000 |
| MAY | 178 000 | NOV | 223 000 |
| JUN | 141 000 | DEC | 445 000 |

TOTAL DISCHARGE 3 460 000 dam³

## TRENT RIVER AT HEALEY FALLS - STATION NO 02HK002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 122 | 92.4 | 79.5 | 174 | 52.9 | 44.2 | 26.8 | 12.1 | 29.1 | 24.2 | 44.8 | 88.1 | 1 |
| 2 | 122 | 92.3 | 86.9 | 187 | 44.7 | 44.1 | 23.5 | 13.7 | 28.9 | 24.2 | 44.7 | 85.5 | 2 |
| 3 | 118 | 92.2 | 94.1 | 248 | 46.2 | 44.2 | 23.0 | 17.0 | 29.0 | 24.2 | 44.8 | 85.9 | 3 |
| 4 | 117 | 92.3 | 95.8 | 275 | 36.9 | 44.4 | 27.0 | 26.2 | 29.3 | 24.1 | 43.9 | 83.9 | 4 |
| 5 | 117 | 90.3 | 96.5 | 267 | 31.5 | 41.7 | 28.5 | 30.7 | 23.5 | 24.3 | 35.2 | 76.9 | 5 |
| 6 | 117 | 90.4 | 97.4 | 300 | 19.4 | 37.8 | 28.8 | 30.3 | 16.3 | 23.9 | 32.1 | 75.9 | 6 |
| 7 | 117 | 90.5 | 98.6 | 351 | 12.7 | 34.8 | 24.7 | 25.6 | 14.7 | 24.1 | 33.5 | 73.1 | 7 |
| 8 | 117 | 91.0 | 85.7 | 380 | 11.8 | 39.4 | 23.4 | 21.9 | 15.3 | 26.4 | 33.3 | 71.3 | 8 |
| 9 | 120 | 90.7 | 107 | 380 | 12.3 | 44.7 | 23.2 | 19.7 | 23.1 | 30.7 | 45.2 | 74.2 | 9 |
| 10 | 123 | 91.0 | 109 | 373 | 12.5 | 42.9 | 23.6 | 19.2 | 29.8 | 31.0 | 60.2 | 80.2 | 10 |
| 11 | 124 | 90.9 | 113 | 369 | 17.3 | 32.2 | 23.4 | 21.9 | 29.5 | 31.0 | 57.0 | 107 | 11 |
| 12 | 125 | 90.8 | 117 | 367 | 21.5 | 23.4 | 25.8 | 23.5 | 29.4 | 31.0 | 68.7 | 106 | 12 |
| 13 | 124 | 90.6 | 118 | 367 | 21.5 | 23.5 | 26.4 | 20.5 | 30.3 | 28.9 | 72.5 | 107 | 13 |
| 14 | 123 | 90.9 | 118 | 368 | 17.7 | 23.7 | 26.3 | 19.7 | 36.2 | 25.6 | 77.8 | 119 | 14 |
| 15 | 122 | 90.1 | 117 | 339 | 17.8 | 23.3 | 26.2 | 17.1 | 41.9 | 25.6 | 77.8 | 142 | 15 |
| 16 | 121 | 89.2 | 116 | 295 | 28.8 | 21.8 | 22.5 | 15.4 | 24.8 | 28.3 | 77.1 | 159 | 16 |
| 17 | 121 | 88.3 | 82.1 | 210 | 30.2 | 19.2 | 14.6 | 15.1 | 18.7 | 24.6 | 77.1 | 171 | 17 |
| 18 | 120 | 87.3 | 81.6 | 155 | 31.5 | 15.6 | 12.3 | 16.8 | 16.0 | 24.6 | 76.4 | 188 | 18 |
| 19 | 118 | 86.7 | 82.4 | 133 | 33.1 | 15.4 | 12.2 | 17.7 | 16.0 | 24.4 | 76.4 | 180 | 19 |
| 20 | 118 | 85.5 | 87.4 | 138 | 24.8 | 15.6 | 16.0 | 15.1 | 16.2 | 24.4 | 73.3 | 156 | 20 |
| 21 | 118 | 83.1 | 100 | 118 | 11.2 | 15.6 | 21.9 | 13.6 | 24.3 | 24.5 | 71.1 | 156 | 21 |
| 22 | 112 | 81.9 | 104 | 85.8 | 21.2 | 13.0 | 27.1 | 16.5 | 31.6 | 24.4 | 69.9 | 155 | 22 |
| 23 | 108 | 81.0 | 121 | 76.2 | 35.2 | 21.9 | 26.0 | 19.2 | 36.5 | 31.6 | 58.6 | 157 | 23 |
| 24 | 107 | 80.6 | 142 | 55.0 | 42.5 | 32.7 | 21.3 | 17.5 | 35.1 | 37.7 | 55.6 | 158 | 24 |
| 25 | 103 | 80.3 | 144 | 36.8 | 42.5 | 34.8 | 21.4 | 15.9 | 30.9 | 38.8 | 59.1 | 159 | 25 |
| 26 | 102 | 80.0 | 158 | 24.2 | 36.8 | 30.1 | 23.6 | 15.8 | 24.0 | 40.5 | 71.7 | 159 | 26 |
| 27 | 98.9 | 79.8 | 160 | 24.9 | 33.0 | 40.7 | 25.5 | 13.9 | 23.8 | 42.6 | 78.6 | 159 | 27 |
| 28 | 96.6 | 79.7 | 153 | 33.0 | 33.5 | 46.0 | 22.2 | 12.7 | 24.1 | 44.8 | 78.8 | 152 | 28 |
| 29 | 93.5 | | 137 | 47.2 | 33.0 | 38.0 | 17.3 | 12.9 | 27.2 | 44.7 | 78.7 | 142 | 29 |
| 30 | 91.9 | | 124 | 57.9 | 36.1 | 34.9 | 15.4 | 15.8 | 27.0 | 44.8 | 86.3 | 132 | 30 |
| 31 | 92.2 | | 149 | | 42.1 | | 12.4 | 18.7 | | 44.7 | | 134 | 31 |
| TOTAL | 3 528.1 | 2 449.9 | 3 486.4 | 6 225.0 | 892.5 | 938.9 | 591.9 | 571.7 | 786.2 | 944.4 | 1 853.2 | 3 863.0 | TOTAL |
| MEAN | 114 | 87.5 | 112 | 208 | 28.8 | 31.3 | 22.3 | 18.4 | 26.2 | 30.5 | 61.8 | 125 | MEAN |
| MAX | 125 | 92.4 | 160 | 380 | 52.9 | 46.0 | 28.6 | 30.7 | 41.9 | 44.8 | 86.3 | 171 | MAX |
| MIN | 91.9 | 79.7 | 79.5 | 24.2 | 11.2 | 13.0 | 12.2 | 12.1 | 14.7 | 23.9 | 32.1 | 71.3 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71.9
MAXIMUM DAILY, 380 ON APR 8
MINIMUM DAILY, 11.2 ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 22 14 N
LONG 77 46 42 W
DRAINAGE AREA, 3 080 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 305 000 | JUL | 59 300 |
| FEB | 212 000 | AUG | 49 400 |
| MAR | 301 000 | SEP | 67 900 |
| APR | 538 000 | OCT | 81 600 |
| MAY | 77 100 | NOV | 160 000 |
| JUN | 81 100 | DEC | 334 000 |

REGULATED

TOTAL DISCHARGE, 2 270 000 dam³

REMARKS - DAILY DISCHARGES ARE A TOTAL OF ONT HYDRO RECORDS AT HEALEY FALLS PLUS RECORDED SPILLWAY RECORDS

## TRIBUTARY TO PERCH LAKE INLET NO 2 NEAR CHALK RIVER - STATION NO 02KA009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.007 | 0.004 | 0.003 | 0.040 | 0.042 | 0.016 | 0.027 | 0 | 0 | 0.003 | 0.015 | 0.015 | 1 |
| 2 | 0.007 | 0.004 | 0.004 | 0.049 | 0.036 | 0.015 | 0.020 | 0.001 | 0 | 0.003 | 0.014 | 0.014 | 2 |
| 3 | 0.006 | 0.004 | 0.003 | 0.055 | 0.031 | 0.015 | 0.016 | 0.001 | 0 | 0.004 | 0.014 | 0.012 | 3 |
| 4 | 0.006 | 0.004 | 0.003 | 0.060 | 0.026 | 0.015 | 0.016 | 0.003 | 0 | 0.004 | 0.014 | 0.012 | 4 |
| 5 | 0.005 | 0.004 | 0.004 | 0.067 | 0.023 | 0.015 | 0.016 | 0.002 | 0 | 0.004 | 0.014 | 0.011 | 5 |
| 6 | 0.005 | 0.004 | 0.004 | 0.118 | 0.021 | 0.012 | 0.013 | 0.001 | 0 | 0.004 | 0.012 | 0.010 | 6 |
| 7 | 0.006 | 0.004 | 0.005 | 0.111 | 0.018 | 0.008 | 0.011 | 0.001 | 0 | 0.005 | 0.011 | 0.008 | 7 |
| 8 | 0.005 | 0.005 | 0.006 | 0.105 | 0.017 | 0.012 | 0.008 | 0.001 | 0 | 0.009 | 0.011 | 0.007 | 8 |
| 9 | 0.005 | 0.005 | 0.006 | 0.088 | 0.015 | 0.018 | 0.004 | 0.001 | 0 | 0.009 | 0.010 | 0.010 | 9 |
| 10 | 0.005 | 0.005 | 0.008 | 0.080 | 0.014 | 0.018 | 0.002 | 0.001 | 0 | 0.009 | 0.009 | 0.012 | 10 |
| 11 | 0.005 | 0.005 | 0.006 | 0.072 | 0.013 | 0.015 | 0.001 | 0 | 0 | 0.009 | 0.008 | 0.013 | 11 |
| 12 | 0.005 | 0.005 | 0.005 | 0.064 | 0.013 | 0.018 | 0 | 0.014 | 0.001 | 0.009 | 0.008 | 0.013 | 12 |
| 13 | 0.005 | 0.005 | 0.005 | 0.058 | 0.013 | 0.017 | 0 | 0.008 | 0.003 | 0.008 | 0.008 | 0.012 | 13 |
| 14 | 0.005 | 0.005 | 0.005 | 0.053 | 0.013 | 0.017 | 0.004 | 0.003 | 0.007 | 0.007 | 0.009 | 0.013 | 14 |
| 15 | 0.005 | 0.005 | 0.005 | 0.048 | 0.015 | 0.011 | 0.005 | 0.004 | 0.006 | 0.006 | 0.008 | 0.014 | 15 |
| 16 | 0.005 | 0.004 | 0.004 | 0.043 | 0.019 | 0.008 | 0.003 | 0.004 | 0.004 | 0.005 | 0.020 | 0.014 | 16 |
| 17 | 0.004 | 0.005 | 0.004 | 0.038 | 0.015 | 0.003 | 0.003 | 0.003 | 0.003 | 0.005 | 0.011 | 0.013 | 17 |
| 18 | 0.004 | 0.004 | 0.004 | 0.038 | 0.015 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 | 0.013 | 0.013 | 18 |
| 19 | 0.005 | 0.004 | 0.005 | 0.032 | 0.014 | 0.001 | 0.002 | 0.001 | 0.001 | 0.005 | 0.011 | 0.013 | 19 |
| 20 | 0.005 | 0.004 | 0.005 | 0.027 | 0.012 | 0.001 | 0.002 | 0.001 | 0.003 | 0.005 | 0.011 | 0.013 | 20 |
| 21 | 0.005 | 0.004 | 0.007 | 0.024 | 0.010 | 0.001 | 0.002 | 0 | 0.007 | 0.004 | 0.008 | 0.013 | 21 |
| 22 | 0.004 | 0.004 | 0.010 | 0.021 | 0.010 | 0.002 | 0.001 | 0 | 0.008 | 0.005 | 0.007 | 0.012 | 22 |
| 23 | 0.004 | 0.004 | 0.015 | 0.018 | 0.015 | 0.001 | 0.001 | 0 | 0.005 | 0.005 | 0.006 | 0.012 | 23 |
| 24 | 0.004 | 0.004 | 0.023 | 0.021 | 0.017 | 0.001 | 0.001 | 0 | 0.003 | 0.009 | 0.007 | 0.013 | 24 |
| 25 | 0.003 | 0.003 | 0.025 | 0.020 | 0.017 | 0.001 | 0.001 | 0 | 0.003 | 0.036 | 0.013 | 0.013 | 25 |
| 26 | 0.003 | 0.003 | 0.033 | 0.018 | 0.015 | 0.004 | 0.001 | 0 | 0.002 | 0.040 | 0.005 | 0.012 | 26 |
| 27 | 0.003 | 0.003 | 0.035 | 0.017 | 0.016 | 0.012 | 0.001 | 0 | 0.002 | 0.032 | 0.008 | 0.011 | 27 |
| 28 | 0.004 | 0.003 | 0.039 | 0.028 | 0.018 | 0.016 | 0.001 | 0 | 0.002 | 0.027 | 0.006 | 0.011 | 28 |
| 29 | 0.004 | | 0.051 | 0.037 | 0.022 | 0.018 | 0.001 | 0 | 0.002 | 0.020 | 0.008 | 0.010 | 29 |
| 30 | 0.004 | | 0.076 | 0.044 | 0.020 | 0.032 | 0.001 | 0 | 0.003 | 0.019 | 0.015 | 0.009 | 30 |
| 31 | 0.004 | | 0.049 | | 0.017 | | 0 | 0 | | 0.018 | | 0.008 | 31 |
| TOTAL | 0.146 | 0.117 | 0.456 | 1.515 | 0.558 | 0.323 | 0.185 | 0.049 | 0.067 | 0.335 | 0.313 | 0.366 | TOTAL |
| MEAN | 0.005 | 0.004 | 0.015 | 0.051 | 0.018 | 0.011 | 0.005 | 0.002 | 0.002 | 0.011 | 0.010 | 0.012 | MEAN |
| MAX | 0.007 | 0.005 | 0.076 | 0.118 | 0.042 | 0.032 | 0.027 | 0.014 | 0.008 | 0.040 | 0.020 | 0.015 | MAX |
| MIN | 0.003 | 0.003 | 0.003 | 0.017 | 0.010 | 0.001 | 0 | 0 | 0 | 0.003 | 0.005 | 0.007 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.012
MAXIMUM DAILY, 0.118 ON APR 6
MINIMUM DAILY, 0 ON JUL 12
MAXIMUM INSTANTANEOUS,
0.130 AT 23 14 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 02 32 N
LONG 77 22 58 W
DRAINAGE AREA, 3.88 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 12.6 | JUL | 14.3 |
| FEB | 10.1 | AUG | 4.23 |
| MAR | 38.4 | SEP | 6.79 |
| APR | 131 | OCT | 29.0 |
| MAY | 48.2 | NOV | 27.0 |
| JUN | 27.9 | DEC | 31.8 |

TOTAL DISCHARGE, 381 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

## TROUT CREEK NEAR FAIRVIEW - STATION NO. 02GD019

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.390 | 0.0778 | 0.2008 | 1.24 | 0.132 | 0.247 | 0.047 | 0.031 | 0.032 | 0.032 | 0.109 | 0.700 | 1 |
| 2 | 0.384 | 0.0748 | 1.05 B | 1.05 | 0.127 | 0.358 | 0.047 | 0.030 | 0.033 | 0.034 | 0.095 | 0.443 | 2 |
| 3 | 0.3208 | 0.0728 | 1.30 B | 0.966 | 0.117 | 0.170 | 0.063 | 0.080 | 0.031 | 0.038 | 0.089 | 0.297 | 3 |
| 4 | 0.3008 | 0.0708 | 0.8008 | 1.02 | 0.109 | 0.124 | 0.386 | 0.061 | 0.031 | 0.035 | 0.082 | 0.222 | 4 |
| 5 | 0.2808 | 0.0688 | 0.5008 | 5.10 | 0.103 | 0.112 | 0.139 | 0.043 | 0.030 | 0.035 | 0.078 | 0.170 | 5 |
| 6 | 0.271 | 0.0698 | 0.5208 | 3.72 | 0.102 | 0.101 | 0.080 | 0.037 | 0.031 | 0.036 | 0.078 | 0.135 | 6 |
| 7 | 0.287 | 0.0748 | 1.62 | 1.52 | 0.099 | 0.093 | 0.062 | 0.035 | 0.031 | 0.034 | 0.071 | 0.125 | 7 |
| 8 | 0.251 | 0.0788 | 6.06 | 0.841 | 0.096 | 0.125 | 0.140 | 0.034 | 0.031 | 0.037 | 0.128 | 0.141 | 8 |
| 9 | 0.251 | 0.0728 | 6.35 | 0.620 | 0.095 | 0.131 | 0.425 | 0.055 | 0.029 | 0.034 | 0.546 | 1.50 | 9 |
| 10 | 0.290 | 0.0688 | 4.02 | 0.494 | 0.087 | 0.098 | 0.189 | 0.057 | 0.028 | 0.033 | 0.318 | 1.02 | 10 |
| 11 | 0.249 | 0.0688 | 2.20 | 0.428 | 0.086 | 0.088 | 0.346 | 0.050 | 0.038 | 0.034 | 0.170 | 0.576 | 11 |
| 12 | 0.204 | 0.0658 | 1.25 | 0.713 | 0.081 | 0.086 | 0.124 | 0.042 | 0.043 | 0.038 | 0.132 | 0.842 | 12 |
| 13 | 0.208 | 0.0648 | 0.737 | 1.28 | 0.074 | 0.082 | 0.078 | 0.039 | 0.038 | 0.034 | 0.113 | 0.577 | 13 |
| 14 | 0.251 | 0.0638 | 0.597 | 0.879 | 0.090 | 0.075 | 0.092 | 0.033 | 0.033 | 0.034 | 0.084 | 0.376 | 14 |
| 15 | 0.856 | 0.0628 | 0.551 | 0.548 | 0.385 | 0.068 | 0.102 | 0.031 | 0.033 | 0.035 | 0.078 | 1.19 A | 15 |
| 16 | 1.05 | 0.0618 | 0.750 | 0.476 | 0.190 | 0.066 | 0.087 | 0.032 | 0.035 | 0.034 | 0.087 | 1.51 A | 16 |
| 17 | 0.7308 | 0.0618 | 0.863 | 0.384 | 0.157 | 0.063 | 0.054 | 0.031 | 0.034 | 0.038 | 0.082 | 0.807 | 17 |
| 18 | 0.5008 | 0.0608 | 1.69 | 0.325 | 0.167 | 0.057 | 0.048 | 0.031 | 0.036 | 0.038 | 0.089 | 0.545 | 18 |
| 19 | 0.2808 | 0.0608 | 1.72 | 0.276 | 0.170 | 0.059 | 0.044 | 0.030 | 0.037 | 0.038 | 0.084 | 0.425 | 19 |
| 20 | 0.2208 | 0.0598 | 2.38 | 0.234 | 0.167 | 0.057 | 0.041 | 0.029 | 0.038 | 0.038 | 0.081 | 3.80 | 20 |
| 21 | 0.1908 | 0.0598 | 3.40 | 0.222 | 0.158 | 0.056 | 0.043 | 0.029 | 0.045 | 0.048 | 0.087 | 4.66 | 21 |
| 22 | 0.1608 | 0.0588 | 3.12 | 0.211 | 0.158 | 0.056 | 0.039 | 0.033 | 0.041 | 0.052 | 0.048 | 1.82 | 22 |
| 23 | 0.1448 | 0.0588 | 2.70 | 0.197 | 0.161 | 0.063 | 0.036 | 0.030 | 0.040 | 0.084 | 0.047 | 0.870 | 23 |
| 24 | 0.1328 | 0.0578 | 1.93 | 0.186 | 0.158 | 0.058 | 0.037 | 0.031 | 0.041 | 0.088 | 0.048 | 0.736 | 24 |
| 25 | 0.1208 | 0.0578 | 1.38 | 0.184 | 0.158 | 0.056 | 0.036 | 0.030 | 0.036 | 0.273 | 2.31 | 3.82 | 25 |
| 26 | 0.1108 | 0.0578 | 1.28 | 0.159 | 0.154 | 0.047 | 0.040 | 0.032 | 0.038 | 0.181 | 3.99 | 1.73 | 26 |
| 27 | 0.1008 | 0.0568 | 0.970 | 0.164 | 0.141 | 0.052 | 0.033 | 0.038 | 0.034 | 0.240 | 1.34 | 0.826 | 27 |
| 28 | 0.0958 | 0.0568 | 0.724 | 0.178 | 0.135 | 0.047 | 0.031 | 0.035 | 0.032 | 0.580 | 0.707 | 0.5458 | 28 |
| 29 | 0.0888 | | 0.585 | 0.162 | 0.142 | 0.044 | 0.031 | 0.033 | 0.032 | 0.257 | 1.25 | 0.3858 | 29 |
| 30 | 0.0848 | | 3.04 | 0.147 | 0.180 | 0.048 | 0.031 | 0.031 | 0.033 | 0.198 | 1.07 | 0.2808 | 30 |
| 31 | 0.0808 | | 2.00 | | 0.354 | | 0.032 | 0.033 | | 0.145 | | 0.2308 | 31 |
| TOTAL | 8.825 | 1.798 | 58.467 | 24.713 | 4.543 | 2.790 | 2.983 | 1.186 | 1.044 | 2.912 | 13.372 | 30.905 | TOTAL |
| MEAN | 0.285 | 0.064 | 1.89 | 0.824 | 0.147 | 0.093 | 0.096 | 0.038 | 0.035 | 0.094 | 0.446 | 0.997 | MEAN |
| MAX | 1.05 | 0.077 | 6.35 | 5.10 | 0.385 | 0.358 | 0.425 | 0.081 | 0.045 | 0.580 | 3.99 | 4.66 | MAX |
| MIN | 0.080 | 0.056 | 0.200 | 0.147 | 0.074 | 0.044 | 0.031 | 0.029 | 0.028 | 0.032 | 0.047 | 0.125 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.421
MAXIMUM DAILY, 6.35 ON MAR 9
MINIMUM DAILY, 0.028 ON SEP 10
MAXIMUM INSTANTANEOUS,
8.79 AT 21:19 EST ON DEC 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 43 N
LONG 80 58 24 W
DRAINAGE AREA, 38.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 782 | JUL | 256 |
| FEB | 155 | AUG | 101 |
| MAR | 5 050 | SEP | 90.2 |
| APR | 2 140 | OCT | 252 |
| MAY | 393 | NOV | 1 180 |
| JUN | 241 | DEC | 2 670 |

TOTAL DISCHARGE, 13 300 dam³

## TROUT CREEK NEAR ST. MARYS - STATION NO. 02GD009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.94 | 1.83 | 1.52 | 0.527 | 1.19 E | 0.921 | 1.04 | 0.985 | 0.918 | 1.28 | 1.28 | 1.44 | 1 |
| 2 | 1.92 | 1.84 | 1.52 | 0.836 | 1.19 E | 0.911 | 1.03 | 0.975 | 0.929 | 1.30 | 1.29 | 1.46 | 2 |
| 3 | 1.88 | 1.84 | 1.52 | 1.96 | 1.19 E | 0.931 | 1.05 | 0.906 | 0.946 | 1.28 | 1.28 | 1.44 | 3 |
| 4 | 1.91 | 1.77 | 0.945 | 1.97 | 1.19 E | 0.908 | 0.995 | 0.932 | 1.08 | 1.28 | 1.28 | 1.45 | 4 |
| 5 | 1.92 | 1.77 | 0.494 | 1.98 | 1.19 E | 0.921 | 0.998 | 0.957 | 1.19 | 1.30 | 1.29 | 1.43 | 5 |
| 6 | 1.91 | 1.78 | 0.486 | 1.98 | 1.19 A | 0.935 | 1.02 | 0.971 | 1.18 | 1.29 | 1.28 | 1.45 | 6 |
| 7 | 1.92 | 1.77 | 0.577 | 3.07 | 1.15 | 0.934 | 1.08 | 0.958 | 1.16 | 1.29 | 1.27 | 1.48 | 7 |
| 8 | 1.92 | 1.76 | 0.720 | 4.87 | 1.15 | 0.945 | 1.05 | 0.967 | 1.17 | 1.27 | 1.31 | 1.47 | 8 |
| 9 | 1.93 | 1.76 | 0.825 | 4.86 | 1.18 | 0.944 | 0.806 | 0.962 | 1.25 | 1.25 | 1.28 | 1.49 | 9 |
| 10 | 1.95 | 1.78 | 0.784 | 4.71 | 1.20 | 0.954 | 0.278 | 0.908 | 1.37 | 1.26 | 1.28 | 1.48 | 10 |
| 11 | 1.93 | 1.73 | 0.678 | 4.81 | 1.20 | 0.978 | 0.257 | 0.876 | 1.33 | 1.23 | 1.28 | 1.49 | 11 |
| 12 | 1.91 | 1.72 | 0.601 | 4.84 | 1.21 | 0.981 | 0.264 | 0.878 | 1.33 | 1.21 | 1.27 | 1.45 | 12 |
| 13 | 1.92 | 1.70 | 0.588 | 4.86 | 1.24 | 0.979 | 0.283 | 0.841 | 1.33 | 1.22 | 1.24 | 1.47 | 13 |
| 14 | 1.91 | 1.71 | 0.600 | 4.89 | 1.24 | 0.976 | 0.322 | 0.862 | 1.33 | 1.21 | 1.19 | 1.48 | 14 |
| 15 | 1.91 | 1.68 | 0.576 | 4.89 | 0.977 | 0.991 | 0.148 | 0.883 | 1.32 | 1.18 | 1.20 | 1.52 | 15 |
| 16 | 1.88 | 1.67 | 0.588 | 3.54 | 0.774 | 0.996 | 0.131 | 0.930 | 1.31 | 1.21 | 1.18 | 1.52 | 16 |
| 17 | 1.85 | 1.64 | 0.601 | 2.08 | 0.824 | 0.976 | 0.610 | 0.935 | 1.34 | 1.20 | 1.17 | 1.53 | 17 |
| 18 | 1.88 | 1.63 | 0.602 | 2.04 | 0.840 | 0.979 | 0.988 | 0.958 | 1.37 | 1.21 | 1.18 | 1.53 | 18 |
| 19 | 1.84 | 1.63 | 0.571 | 2.04 | 0.585 | 0.978 | 0.955 | 1.01 | 1.38 | 1.20 | 1.19 | 1.52 | 19 |
| 20 | 1.87 | 1.65 | 0.545 | 2.04 | 0.739 | 1.01 | 0.912 | 1.06 | 1.36 | 1.23 | 1.15 | 1.59 | 20 |
| 21 | 1.89 | 1.60 | 0.528 | 1.74 | 1.15 | 1.01 | 0.905 | 1.05 | 1.33 | 1.22 | 1.16 | 1.58 | 21 |
| 22 | 1.91 | 1.57 | 0.585 | 1.37 | 1.12 | 1.03 | 0.875A | 1.07 | 1.35 | 1.24 | 1.12 | 1.62 | 22 |
| 23 | 1.88 | 1.57 | 0.577 | 1.33 | 1.06 | 1.02 | 0.861E | 1.05 | 1.30 | 1.23 | 1.26 | 1.60 | 23 |
| 24 | 1.89 | 1.58 | 0.574 | 1.34 | 1.04 | 1.01 | 0.879E | 1.04 | 1.29 | 1.25 | 1.38 | 1.57 | 24 |
| 25 | 1.86 | 1.58 | 0.574 | 1.38 | 1.01 | 1.00 | 0.886E | 1.02 | 1.31 | 1.27 | 1.44 | 1.58 | 25 |
| 26 | 1.87 | 1.55 | 0.552 | 1.35 | 0.985 | 0.996 | 0.888E | 1.01 | 1.28 | 1.27 | 1.46 | 1.58E | 26 |
| 27 | 1.89 | 1.55 | 0.558 | 1.38 | 0.923 | 1.01 | 0.908E | 1.02 | 1.31 | 1.27 | 1.47 | 1.58E | 27 |
| 28 | 1.87 | 1.52 | 0.555 | 1.43 A | 0.916 | 1.05 | 0.888E | 0.996 | 1.33 | 1.31 | 1.45 | 1.58E | 28 |
| 29 | 1.87 | | 0.564 | 1.30 E | 0.901 | 1.05 | 0.910A | 0.970 | 1.31 | 1.31 | 1.47 | 1.58E | 29 |
| 30 | 1.86 | | 0.590 | 1.19 E | 0.903 | 1.04 | 0.928 | 0.962 | 1.29 | 1.29 | 1.46 | 1.58E | 30 |
| 31 | 1.84 | | 0.545 | | 0.901 | | 0.931 | 0.958 | | 1.25 | | 1.58E | 31 |
| TOTAL | 58.71 | 47.18 | 21.511 | 76.183 | 32.368 | 29.365 | 23.819 | 29.921 | 37.723 | 38.82 | 38.50 | 47.12 | TOTAL |
| MEAN | 1.89 | 1.69 | 0.694 | 2.54 | 1.04 | 0.979 | 0.768 | 0.965 | 1.26 | 1.25 | 1.28 | 1.52 | MEAN |
| MAX | 1.95 | 1.84 | 1.52 | 4.89 | 1.24 | 1.05 | 1.08 | 1.07 | 1.38 | 1.31 | 1.47 | 1.62 | MAX |
| MIN | 1.84 | 1.52 | 0.494 | 0.527 | 0.585 | 0.908 | 0.121 | 0.841 | 0.918 | 1.18 | 1.12 | 1.43 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.32
MAXIMUM DAILY, 4.89 ON APR 14
MINIMUM DAILY, 0.121 ON JUL 16
MAXIMUM INSTANTANEOUS,
4.93 AT 13:14 EST ON APR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 50 N
LONG 81 04 48 W
DRAINAGE AREA, 140 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 070 | JUL | 2 060 |
| FEB | 4 080 | AUG | 2 590 |
| MAR | 1 850 | SEP | 3 260 |
| APR | 6 580 | OCT | 3 350 |
| MAY | 2 800 | NOV | 3 330 |
| JUN | 2 540 | DEC | 4 070 |

TOTAL DISCHARGE 41 800 dam³

## TROUTLAKE RIVER BELOW BIG FALLS - STATION NO 05OC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11.58 | 10.5 B | 9.338 | 10.8 | 21.6 | 16.6 | 10.1 | 7.40 | 5.83 | 4.18 | 2.768 | 1.939 | 1 |
| 2 | 11.58 | 10.4 B | 9.308 | 10.7 | 20.8 | 17.2 | 10.2 | 7.35 | 5.59 | 4.14 | 2.728 | 1.928 | 2 |
| 3 | 11.48 | 10.4 B | 9.308 | 10.6 | 20.1 | 17.8 | 10.1 | 7.37 | 5.41 | 4.06 | 2.868 | 1.928 | 3 |
| 4 | 11.48 | 10.3 B | 9.268 | 10.6 | 19.5 | 17.7 | 9.87 | 7.50 | 5.28 | 4.02 | 2.628 | 1.928 | 4 |
| 5 | 11.48 | 10.3 B | 9.268 | 10.6 | 18.9 | 17.2 | 9.85 | 7.50 | 5.15 | 4.01 | 2.568 | 1.928 | 5 |
| 6 | 11.48 | 10.2 B | 9.268 | 10.8 | 18.4 | 16.8 | 9.62 | 7.46 | 5.05 | 3.92 | 2.548 | 1.928 | 6 |
| 7 | 11.48 | 10.2 B | 9.268 | 11.3 | 17.8 | 16.4 | 9.54 | 7.37 | 5.01 | 3.84 | 2.488 | 1.928 | 7 |
| 8 | 11.38 | 10.1 B | 9.268 | 12.4 | 17.5 | 16.2 | 9.34 | 7.27 | 5.01 | 3.78 | 2.448 | 1.928 | 8 |
| 9 | 11.38 | 10.1 B | 9.268 | 14.8 | 17.1 | 15.9 | 9.10 | 7.05 | 5.00 | 3.77 | 2.408 | 1.928 | 9 |
| 10 | 11.38 | 10.0 B | 9.268 | 19.3 | 16.5 | 15.6 | 8.90 | 6.81 | 4.97 | 3.62 | 2.368 | 1.928 | 10 |
| 11 | 11.38 | 9.958 | 9.238 | 24.9 | 16.2 | 15.4 | 8.81 | 6.96 | 4.93 | 3.70 | 2.328 | 1.928 | 11 |
| 12 | 11.28 | 9.918 | 9.238 | 27.4 | 15.9 | 15.4 | 8.89 | 7.13 | 4.89 | 3.63 | 2.288 | 1.928 | 12 |
| 13 | 11.28 | 9.888 | 9.288 | 28.6 | 15.8 | 15.3 | 9.19 | 6.99 | 4.81 | 3.53 | 2.278 | 1.928 | 13 |
| 14 | 11.28 | 9.818 | 9.288 | 27.6 | 15.8 | 15.0 | 9.28 | 6.87 | 4.93 | 3.46 | 2.248 | 1.928 | 14 |
| 15 | 11.18 | 9.778 | 9.288 | 26.7 | 15.9 | 14.6 | 9.25 | 6.75 | 4.82A | 3.46 | 2.208 | 1.938 | 15 |
| 16 | 11.18 | 9.748 | 9.338 | 25.2 | 15.9 | 14.3 | 9.80 | 6.72 | 4.88A | 3.29 | 2.198 | 1.938 | 16 |
| 17 | 11.18 | 9.708 | 9.428 | 26.5 | 15.7 | 13.8 | 9.47 | 7.30 | 5.04A | 3.17 | 2.188 | 1.958 | 17 |
| 18 | 11.18 | 9.658 | 9.538 | 26.5 | 15.5 | 13.5 | 9.14 | 7.85 | 5.01 | 3.21 | 2.148 | 1.968 | 18 |
| 19 | 11.08 | 9.638 | 9.708 | 26.6 | 15.3 | 13.1 | 8.95 | 7.72 | 4.92 | 3.23 | 2.118 | 1.988 | 19 |
| 20 | 11.08 | 9.588 | 9.818 | 26.9 | 15.1 | 12.8 | 8.89 | 7.81 | 4.88 | 3.30 | 2.098 | 1.988 | 20 |
| 21 | 11.08 | 9.568 | 10.1 B | 26.4 | 15.7 | 12.6 | 8.85 | 7.79 | 4.82 | 3.33 | 2.088 | 2.008 | 21 |
| 22 | 10.98 | 9.518 | 10.4 B | 25.6 | 16.4 | 12.5 | 8.76 | 7.58 | 4.86 | 3.31 | 2.048 | 2.018 | 22 |
| 23 | 10.98 | 9.468 | 10.7 B | 24.6 | 16.7 | 12.3 | 8.81 | 7.38 | 4.78 | 3.30 | 2.038 | 2.038 | 23 |
| 24 | 10.98 | 9.428 | 11.0 B | 23.6 | 16.7 | 11.9 | 8.44 | 7.10 | 4.65 | 3.23 | 2.018 | 2.048 | 24 |
| 25 | 10.88 | 9.408 | 11.3 | 23.0 | 16.3 | 11.6 | 8.29 | 6.85 | 4.56 | 3.148 | 2.018 | 2.068 | 25 |
| 26 | 10.78 | 9.378 | 11.4 | 23.1 | 16.1 | 11.3 | 8.22 | 6.65 | 4.53 | 3.048 | 2.008 | 2.098 | 26 |
| 27 | 10.78 | 9.378 | 11.4 | 23.2 | 16.1 | 11.0 | 8.13 | 6.43 | 4.47 | 3.028 | 1.988 | 2.118 | 27 |
| 28 | 10.78 | 9.358 | 11.3 | 23.0 | 16.3 | 10.8 | 8.02 | 6.27 | 4.35 | 2.988 | 1.988 | 2.128 | 28 |
| 29 | 10.68 | | 11.1 | 22.8 | 16.9 | 10.5 | 7.86 | 6.12 | 4.25 | 2.908 | 1.958 | 2.148 | 29 |
| 30 | 10.68 | | 11.0 | 22.1 | 17.1 | 10.3 | 7.79 | 6.06 | 4.13 | 2.868 | 1.938 | 2.168 | 30 |
| 31 | 10.58 | | 10.9 | | 17.0 | | 7.84 | 5.97 | | 2.828 | | 2.198 | 31 |
| TOTAL | 343.5 | 275.54 | 307.54 | 627.6 | 526.8 | 426.2 | 276.91 | 219.17 | 147.11 | 107.29 | 67.55 | 61.56 | TOTAL |
| MEAN | 11.1 | 9.84 | 9.92 | 20.9 | 17.0 | 14.2 | 8.00 | 7.07 | 4.90 | 3.46 | 2.25 | 1.99 | MEAN |
| MAX | 11.5 | 10.5 | 11.4 | 28.6 | 21.6 | 17.7 | 10.2 | 7.81 | 5.83 | 4.18 | 2.76 | 2.19 | MAX |
| MIN | 10.5 | 9.35 | 9.23 | 10.6 | 15.1 | 10.3 | 7.84 | 5.97 | 4.13 | 2.82 | 1.93 | 1.92 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.28
MAXIMUM DAILY, 28.6 ON APR 13
MINIMUM DAILY, 1.928 ON DEC 2
MAXIMUM INSTANTANEOUS,
28.8 AT 15:00 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 10 N
LONG 93 05 30 W
DRAINAGE AREA, 2 370 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 29 700 | JUL | 24 100 |
| FEB | 23 800 | AUG | 18 900 |
| MAR | 26 600 | SEP | 12 700 |
| APR | 54 200 | OCT | 9 270 |
| MAY | 45 500 | NOV | 5 840 |
| JUN | 36 700 | DEC | 5 320 |

TOTAL DISCHARGE, 293 000 dam³

REMARKS - STATION RELOCATED 2 km UPSTREAM FROM PREVIOUS LOCATION

## TURKEY CREEK AT WINDSOR - STATION NO 02GH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.189 | 0.388 | 1.71 | 0.474 | 0.155 | 2.46 | 0.607 | 0.627 | 0.139 | 0.139 | 1.53 | 0.729 | 1 |
| 2 | 0.357 | 0.390 | 0.690 | 0.567 | 0.182 | 3.75 | 0.408 | 0.473 | 0.171 | 0.122 | 0.380 | 0.491 | 2 |
| 3 | 0.267 | 0.385 | 0.420 | 0.384 | 0.449 | 1.52 | 1.21 | 0.163 | 0.138 | 0.121 | 0.294 | 0.613 | 3 |
| 4 | 0.201 | 0.385 | 0.336 | 0.405 | 0.181 | 0.470 | 0.478 | 0.130 | 0.129 | 0.109 | 0.226 | 0.827 | 4 |
| 5 | 0.206 | 0.338 | 0.479 | 2.39 | 0.148 | 0.301 | 0.390 | 0.122 | 0.131 | 0.169 | 0.185 | 0.429 | 5 |
| 6 | 0.239 | 0.357 | 0.369 | 1.42 | 0.160 | 0.282 | 0.972 | 0.125 | 0.127 | 0.160 | 0.162 | 0.326 | 6 |
| 7 | 0.268 | 0.489 | 0.336 | 0.613 | 0.198 | 0.207 | 0.312 | 0.130 | 0.123 | 0.130 | 0.152 | 0.355 | 7 |
| 8 | 0.251 | 0.467 | 0.301 | 0.387 | 0.176 | 0.192 | 0.264 | 0.123 | 0.135 | 0.119 | 0.174 | 0.794 | 8 |
| 9 | 0.211 | 0.289 | 0.2558 | 0.316 | 0.189 | 0.189 | 1.46 | 0.578 | 0.140 | 0.137 | 0.195 | 1.37 | 9 |
| 10 | 0.277 | 0.260 | 0.2188 | 0.262 | 0.156 | 0.179 | 1.48 | 0.171 | 0.215 | 0.168 | 0.139 | 0.577 | 10 |
| 11 | 0.290 | 0.264 | 0.208 | 0.255 | 0.358 | 0.189 | 0.612 | 0.142 | 1.04 | 0.208 | 0.133 | 0.749 | 11 |
| 12 | 0.274 | 0.263 | 0.217 | 0.314 | 0.526 | 0.252 | 0.311 | 0.140 | 0.468 | 0.102 | 0.138 | 0.739 | 12 |
| 13 | 0.284 | 0.232 | 0.219 | 0.200 | 0.173 | 0.230 | 0.417 | 0.137 | 0.245 | 0.104 | 0.142 | 0.421 | 13 |
| 14 | 0.517 | 0.212 | 0.329 | 0.285 | 1.19 | 0.172 | 1.04 | 0.129 | 0.160 | 0.116 | 0.132 | 0.347 | 14 |
| 15 | 1.11 | 0.1698 | 0.371 | 0.588 | 0.740 | 0.180 | 0.287 | 0.120 | 1.12 | 0.117 | 0.122 | 5.47 | 15 |
| 16 | 0.477 | 0.1758 | 0.289 | 0.438 | 0.239 | 0.181 | 0.228 | 0.112 | 0.258 | 0.113 | 0.130 | 1.30 | 16 |
| 17 | 0.312 | 0.172 | 0.286 | 0.287 | 0.162 | 0.178 | 0.176 | 0.369 | 3.36 | 0.309 | 0.253 | 0.556 | 17 |
| 18 | 0.279 | 0.1728 | 0.242 | 0.213 | 0.334 | 0.177 | 0.181 | 0.555 | 1.57 | 0.113 | 0.178 | 0.394 | 18 |
| 19 | 0.256 | 0.170 | 0.232 | 0.194 | 0.203 | 0.163 | 0.131 | 0.216 | 0.535 | 0.106 | 0.126 | 0.894 | 19 |
| 20 | 0.236 | 0.183 | 0.222 | 0.204 | 0.183 | 0.181 | 0.223 | 0.129 | 0.294 | 0.187 | 0.124 | 1.97 | 20 |
| 21 | 0.228 | 0.181 | 0.209 | 0.203 | 0.176 | 1.83 | 0.147 | 0.295 | 0.230 | 0.213 | 0.114 | 0.852 | 21 |
| 22 | 0.276 | 0.182 | 0.194 | 0.211 | 0.185 | 1.53 | 0.143 | 0.831 | 0.189 | 0.253 | 0.102 | 0.452 | 22 |
| 23 | 0.2258 | 0.181 | 0.202 | 0.235 | 0.181 | 0.277 | 0.147 | 0.124 | 0.173 | 0.194 | 0.111 | 0.382 | 23 |
| 24 | 0.1958 | 0.189 | 0.185 | 0.177 | 0.158 | 0.208 | 0.138 | 0.105 | 0.163 | 0.785 | 0.123 | 0.891 | 24 |
| 25 | 0.1658 | 0.185 | 0.221 | 0.172 | 0.137 | 0.486 | 0.229 | 0.126 | 0.165 | 0.252 | 3.26 | 1.23 | 25 |
| 26 | 0.170 | 0.187 | 0.222 | 0.152 | 0.812 | 1.27 | 0.142 | 2.80 | 0.137 | 0.145 | 0.817 | 0.508 | 26 |
| 27 | 0.173 | 0.200 | 0.195 | 0.261 | 0.271 | 0.313 | 0.135 | 2.31 | 0.122 | 1.38 | 0.458 | 0.365 | 27 |
| 28 | 0.172 | 0.380 | 0.184 | 0.184 | 0.183 | 0.235 | 0.135 | 0.724 | 0.134 | 0.281 | 0.388 | 0.311 | 28 |
| 29 | 0.177 | | 0.219 | 0.163 | 0.180 | 0.845 | 0.140 | 0.321 | 0.309 | 0.188 | 1.39 | 0.294 | 29 |
| 30 | 0.301 | | 1.91 | 0.162 | 1.45 | 3.27 | 0.380 | 0.174 | 0.211 | 0.171 | 0.486 | 0.262 | 30 |
| 31 | 0.210 | | 0.822 | | 0.753 | | 0.161 | 0.163 | | 0.147 | | 0.379 | 31 |
| TOTAL | 8.803 | 7.386 | 12.111 | 12.086 | 10.295 | 21.705 | 13.252 | 12.865 | 12.329 | 8.825 | 12.181 | 24.877 | TOTAL |
| MEAN | 0.284 | 0.264 | 0.391 | 0.402 | 0.331 | 0.724 | 0.427 | 0.415 | 0.411 | 0.220 | 0.405 | 0.802 | MEAN |
| MAX | 1.11 | 0.487 | 1.91 | 2.39 | 1.45 | 3.75 | 1.46 | 2.80 | 3.36 | 1.35 | 3.26 | 5.47 | MAX |
| MIN | 0.155 | 0.181 | 0.184 | 0.152 | 0.137 | 0.153 | 0.131 | 0.105 | 0.122 | 0.102 | 0.102 | 0.282 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.424
MAXIMUM DAILY, 5.47 ON DEC 15
MINIMUM DAILY, 0.102 ON OCT 12
MAXIMUM INSTANTANEOUS,
13.1 AT 09:34 EST ON DEC 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 15 38 N
LONG 83 02 24 W
DRAINAGE AREA, 29.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 761 | JUL | 1 140 |
| FEB | 838 | AUG | 1 120 |
| MAR | 1 050 | SEP | 1 070 |
| APR | 1 040 | OCT | 590 |
| MAY | 885 | NOV | 1 050 |
| JUN | 1 880 | DEC | 2 150 |

TOTAL DISCHARGE, 13 400 dam³

## TURTLE RIVER NEAR MINE CENTRE - STATION NO. 05PB014

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 15.7 | 16.3 | 14.3 | 30.4 | 22.7 | 35.1 | 16.9 | 14.1 | 26.2 | 21.6 | 16.9 | 16.7 | 1 |
| 2 | 15.5 | 16.2 | 14.3 | 30.6 | 22.0 | 36.6 | 16.3 | 14.4 | 26.5 | 21.3 | 16.8 | 16.6 | 2 |
| 3 | 15.3 | 16.2 | 14.2 | 30.3 | 21.3 | 37.0 | 16.1 | 14.4 | 26.7 | 21.7 | 16.9 | 16.9 | 3 |
| 4 | 15.2 | 16.1 | 14.2 | 30.1 | 20.3 | 37.5 | 15.8 | 14.2 | 25.8 | 21.5 | 16.3 | 16.9 | 4 |
| 5 | 15.0 | 16.1 | 14.2 | 29.6 | 19.6 | 37.5 | 15.3 | 14.3 | 26.4 | 20.8 | 16.1 | 16.9 | 5 |
| 6 | 14.7 | 16.0 | 14.2 | 29.6 | 18.8 | 37.0 | 15.0 | 14.0 | 26.8 | 20.5 | 16.3 | 16.9 | 6 |
| 7 | 14.5 | 15.8 | 14.2 | 29.5 | 18.0 | 36.2 | 14.7 | 13.9 | 27.0 | 20.6 | 16.3 | 16.8 | 7 |
| 8 | 14.5 | 15.7 | 14.1 | 29.6 | 17.7 | 35.3 | 14.2 | 13.8 | 26.6 | 20.7 | 16.0 | 16.8 | 8 |
| 9 | 14.4 | 15.6 | 14.2 | 29.7 | 17.3 | 34.7 | 13.9 | 13.6 | 26.7 | 20.1 | 15.9 | 16.6 | 9 |
| 10 | 14.4 | 15.6 | 14.2 | 29.7 | 16.9 | 33.9 | 13.6 | 13.6 | 26.6 | 20.0 | 15.8 | 16.5 | 10 |
| 11 | 14.2 | 15.5 | 14.2 | 29.9 | 16.9 | 33.0 | 13.4 | 13.6 | 26.5 | 20.0 | 15.7 | 16.4 | 11 |
| 12 | 14.0 | 15.3 | 14.2 | 30.1 | 16.7 | 32.2 | 12.8 | 15.4 | 26.6 | 19.9 | 15.6 | 16.3 | 12 |
| 13 | 13.9 | 15.2 | 14.2 | 30.3 | 15.4 | 31.3A | 12.7 | 16.5 | 27.0 | 19.8 | 15.5 | 16.2 | 13 |
| 14 | 13.7A | 15.3 | 14.2 | 30.3 | 14.8 | 30.4E | 12.6 | 17.5 | 27.3 | 19.4 | 15.4 | 16.1 | 14 |
| 15 | 13.6E | 15.1 | 14.1 | 30.3 | 14.9 | 29.5E | 12.6 | 18.0 | 27.4 | 19.2 | 15.4 | 15.9 | 15 |
| 16 | 13.5E | 15.1 | 14.1 | 30.0 | 14.8 | 28.6E | 12.6 | 20.0 | 27.1 | 19.0 | 15.5 | 15.9 | 16 |
| 17 | 13.4E | 15.0 | 14.0 | 29.5 | 15.2 | 27.9A | 12.3 | 22.1 | 26.9 | 18.6 | 15.7 | 15.8 | 17 |
| 18 | 13.3E | 15.0 | 13.8 | 29.1 | 15.4 | 26.6 | 12.2 | 24.6 | 26.6 | 18.4 | 15.9 | 15.9 | 18 |
| 19 | 13.1E | 14.9 | 13.8 | 28.7 | 15.7E | 25.9 | 12.1 | 26.0 | 26.3 | 18.2 | 16.1 | 15.8 | 19 |
| 20 | 13.0E | 14.7 | 13.8 | 27.3 | 16.1A | 24.9 | 12.3 | 27.1 | 26.2 | 17.9 | 16.1 | 15.7 | 20 |
| 21 | 12.9E | 14.7 | 13.8 | 27.5 | 17.1 | 23.9 | 12.2 | 27.7 | 26.1 | 17.7 | 16.5 | 15.7 | 21 |
| 22 | 12.8E | 14.6 | 14.0 | 27.5 | 22.5 | 23.1 | 12.3 | 27.6 | 25.6 | 17.7 | 17.0 | 15.5 | 22 |
| 23 | 12.6E | 14.6 | 14.6 | 27.0 | 28.7 | 22.1 | 13.2 | 28.0 | 25.3 | 17.6 | 16.9 | 15.6 | 23 |
| 24 | 12.5E | 14.6 | 15.5 | 26.9 | 33.2 | 21.1 | 13.2 | 27.6 | 24.8 | 17.4 | 17.1 | 15.5 | 24 |
| 25 | 12.4E | 14.6 | 19.2 | 26.6 | 33.6 | 20.3 | 13.3 | 27.4 | 24.3 | 17.3 | 17.3 | 15.6 | 25 |
| 26 | 12.3E | 14.5 | 22.2 | 25.8 | 34.5 | 19.5 | 13.2 | 27.2 | 23.8 | 17.0 | 17.3 | 15.6 | 26 |
| 27 | 12.2E | 14.5 | 24.6 | 24.8 | 35.2 | 19.1 | 13.1 | 26.9 | 23.4 | 17.0 | 17.2 | 15.5 | 27 |
| 28 | 12.0A | 14.4 | 25.6 | 24.6 | 35.6 | 18.6 | 13.0 | 26.6 | 22.8 | 17.1 | 16.9 | 15.5 | 28 |
| 29 | 15.2 | | 27.9 | 23.7 | 36.5 | 17.7 | 12.8 | 26.4 | 22.4 | 17.2 | 16.8 | 15.4 | 29 |
| 30 | 15.4 | | 29.0 | 23.3 | 35.2 | 17.4 | 12.8 | 25.7 | 22.1 | 16.9 | 16.8 | 15.4 | 30 |
| 31 | 15.3 | | 29.9 | | 34.6 | | 13.3 | 25.9 | | 17.0 | | 15.4 | 31 |
| TOTAL | 545.5 | 427.2 | 521.0 | 852.8 | 893.2 | 854.1 | 420.0 | 538.1 | 775.4 | 589.3 | 490.0 | 498.5 | TOTAL |
| MEAN | 17.6 | 15.3 | 16.8 | 28.4 | 22.4 | 28.5 | 13.5 | 20.8 | 25.8 | 19.0 | 16.3 | 16.1 | MEAN |
| MAX | 19.7 | 16.3 | 29.9 | 30.6 | 35.6 | 37.5 | 16.9 | 28.0 | 27.4 | 21.7 | 17.3 | 16.9 | MAX |
| MIN | 16.0 | 14.4 | 13.8 | 23.3 | 14.8 | 17.4 | 12.1 | 13.4 | 22.1 | 16.9 | 15.4 | 15.4 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.0
MAXIMUM DAILY, 37.5 ON JUN 4
MINIMUM DAILY, 12.1 ON JUL 19
MAXIMUM INSTANTANEOUS,
38.3 AT 18:27 CST ON JUN 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 51 00 N
LONG 92 43 30 W
DRAINAGE AREA, 4 870 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 47 100 | JUL | 36 300 |
| FEB | 38 900 | AUG | 55 100 |
| MAR | 46 000 | SEP | 67 000 |
| APR | 73 700 | OCT | 50 900 |
| MAY | 59 800 | NOV | 42 300 |
| JUN | 73 800 | DEC | 43 100 |

TOTAL DISCHARGE 631 000 dam³

## TWENTY MILE CREEK ABOVE SMITHVILLE - STATION NO. 02HA020

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.27 | 0.2458 | 1.20 B | 5.15 | 0.159 | 0.032 | 0.856 | 0.497 | 0.282 | 0.148 | 0.577 | 9.60 | 1 |
| 2 | 1.07 | 0.2588 | 8.40 B | 7.19 | 0.154 | 0.017 | 0.523 | 0.758 | 0.161 | 0.100 | 0.438 | 5.22 | 2 |
| 3 | 0.888 | 0.265 | 9.00 B | 8.90 | 0.140 | 0.018 | 0.401 | 1.40 | 0.137 | 0.092 | 0.340 | 3.17 | 3 |
| 4 | 0.7508 | 0.2508 | 8.80 B | 11.0 | 0.125 | 0.005 | 0.323 | 1.37 | 0.130 | 0.085 | 0.315 | 2.15 | 4 |
| 5 | 0.6808 | 0.2258 | 8.90 B | 11.9 | 0.120 | 0 | 0.262 | 1.20 | 0.092 | 0.077 | 0.282 | 1.65 | 5 |
| 6 | 0.615 | 0.2308 | 5.40 B | 75.6 | 0.107 | 0 | 0.267 | 1.15 | 0.080 | 0.088 | 0.212 | 1.38 | 6 |
| 7 | 0.616 | 0.2508 | 7.20 B | 56.4 | 0.089 | 0 | 0.554 | 0.802 | 0.089 | 0.120 | 0.183 | 1.02 | 7 |
| 8 | 0.685 | 0.2708 | 25.0 B | 18.2 | 0.089 | 0 | 3.88 | 0.540 | 0.085 | 0.237 | 0.171 | 1.03 | 8 |
| 9 | 0.798 | 0.2508 | 20.2 | 4.61 | 0.081 | 0 | 8.08 | 6.57 | 0.137 | 0.268 | 0.178 | 3.06 | 9 |
| 10 | 0.887 | 0.2358 | 5.00 B | 2.37 | 0.072 | 0 | 3.58 | 30.2 | 0.100 | 0.397 | 0.186 | 5.67 | 10 |
| 11 | 0.818 | 0.2258 | 1.80 B | 1.54 | 0.071 | 0 | 2.17 | 23.7 | 0.083 | 0.411 | 0.153 | 4.38 | 11 |
| 12 | 0.767 | 0.2158 | 1.50 B | 1.47 | 0.068 | 0 | 1.44 | 11.7 | 0.093 | 0.293 | 0.190 | 3.33 | 12 |
| 13 | 0.731 | 0.2058 | 1.22 | 3.03 | 0.064 | 0 | 0.828 | 4.27 | 0.107 | 0.241 | 0.189 | 3.16 | 13 |
| 14 | 0.983 | 0.1958 | 0.888 | 2.85 | 0.058 | 0 | 0.911 | 1.88 | 0.096 | 0.189 | 0.158 | 2.37 | 14 |
| 15 | 5.44 | 0.1908 | 0.706 | 1.94 | 0.071 | 0 | 0.909 | 1.00 | 0.080 | 0.163 | 0.147 | 5.30 | 15 |
| 16 | 8.00 B | 0.1888 | 0.643 | 1.37 | 0.070 | 0 | 1.14 | 0.548 | 0.069 | 0.139 | 0.138 | 17.5 | 16 |
| 17 | 6.28 B | 0.1838 | 0.545 | 1.08 | 0.083 | 0 | 1.13 | 0.334 | 0.074 | 0.130 | 0.156 | 13.4 | 17 |
| 18 | 4.15 B | 0.1788 | 0.492 | 0.911 | 0.068 | 0 | 0.844 | 0.238 | 0.193 | 0.172 | 0.192 | 6.01 | 18 |
| 19 | 1.93 B | 0.1708 | 0.445 | 0.756 | 0.064 | 0 | 0.541 | 0.187 | 0.417 | 0.181 | 0.173 | 3.06 | 19 |
| 20 | 1.46 B | 0.1658 | 0.439 | 0.662 | 0.056 | 0 | 7.32 | 0.141 | 0.565 | 0.179 | 0.163 | 6.12 | 20 |
| 21 | 1.17 B | 0.1608 | 0.433 | 0.543 | 0.062 | 0 | 5.68 | 0.102 | 0.937 | 0.213 | 0.143 | 15.3 | 21 |
| 22 | 0.9008 | 0.1588 | 0.427 | 0.439 | 0.056 | 0.050 | 4.48 | 0.094 | 2.46 | 0.276 | 0.124 | 10.9 | 22 |
| 23 | 0.8258 | 0.1578 | 0.487 | 0.372 | 0.055 | 0.154 | 2.66 | 0.070 | 3.03 | 0.490 | 0.116 | 4.79 | 23 |
| 24 | 0.6508 | 0.1698 | 0.495 | 0.330 | 0.058 | 0.583 | 1.64 | 0.057 | 2.07 | 0.658 | 0.126 | 2.78 | 24 |
| 25 | 0.5508 | 0.1638 | 0.523 | 0.289 | 0.061 | 0.526 | 1.27 | 0.049 | 1.19 | 1.39 | 2.69 | 2.57 | 25 |
| 26 | 0.4508 | 0.1758 | 0.595 | 0.230 | 0.062 | 0.741 | 5.75 | 0.040 | 0.546 | 1.71 | 18.4 | 2.74 | 26 |
| 27 | 0.3808 | 0.2008 | 0.718 | 0.219 | 0.070 | 0.501 | 5.84 | 0.048 | 0.331 | 1.53 | 11.8 | 2.07 | 27 |
| 28 | 0.3208 | 0.2108 | 0.920 | 0.206 | 0.069 | 0.484 | 5.84 | 0.040 | 0.238 | 1.30 | 5.43 | 1.42 | 28 |
| 29 | 0.2708 | | 0.894 | 0.181 | 0.073 | 0.604 | 3.08 | 0.041 | 0.216 | 1.30 | 7.62 | 0.6308 | 29 |
| 30 | 0.2208 | | 1.04 | 0.165 | 0.059 | 0.751 | 1.67 | 0.036 | 0.183 | 1.08 | 14.5 | 0.5208 | 30 |
| 31 | 0.2308 | | 3.82 | | 0.044 | | 0.938 | 0.153 | | 0.773 | | 0.4808 | 31 |
| TOTAL | 44.773 | 5.770 | 113.936 | 259.583 | 2.440 | 4.486 | 76.157 | 88.310 | 14.281 | 14.314 | 65.380 | 142.760 | TOTAL |
| MEAN | 1.44 | 0.206 | 3.68 | 8.65 | 0.079 | 0.149 | 2.46 | 2.88 | 0.476 | 0.462 | 2.18 | 4.61 | MEAN |
| MAX | 8.00 | 0.270 | 25.0 | 75.6 | 0.159 | 0.751 | 8.09 | 30.2 | 3.03 | 1.71 | 18.4 | 17.5 | MAX |
| MIN | 0.220 | 0.157 | 0.427 | 0.165 | 0.044 | 0 | 0.262 | 0.036 | 0.069 | 0.088 | 0.115 | 0.460 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.28
MAXIMUM DAILY, 75.6 ON APR 5
MINIMUM DAILY, 0 ON JUN 5
MAXIMUM INSTANTANEOUS,
80.1 AT 13:12 EST ON APR 6

REMARKS - STATION ACTIVATED NOV 04 1986

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 06 54 N
LONG 79 33 56 W
DRAINAGE AREA 168 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 870 | JUL | 6 580 |
| FEB | 495 | AUG | 7 720 |
| MAR | 9 840 | SEP | 1 230 |
| APR | 22 400 | OCT | 1 240 |
| MAY | 211 | NOV | 5 650 |
| JUN | 386 | DEC | 12 300 |

TOTAL DISCHARGE 71 900 dam³

## TWENTY MILE CREEK AT BALLS FALLS - STATION NO 02HA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.85 | 0.500B | 4.00 B | 10.0 | 0.297 | 0.035 | 0.619 | 1.15 | 0.133 | 0.479 | 1.06 | 18.0 | 1 |
| 2 | 1.89 | 0.519B | 24.0 B | 19.0 | 0.264 | 0.039 | 0.880 | 0.835 | 0.163 | 0.353 | 0.838 | 10.4 | 2 |
| 3 | 1.50 B | 0.580B | 18.0 B | 23.1 | 0.231 | 0.029 | 0.587 | 1.33 | 0.262 | 0.285 | 0.685 | 5.61 | 3 |
| 4 | 1.38 B | 0.500B | 15.5 B | 27.1 | 0.211 | 0.031 | 0.521 | 2.08 | 0.256 | 0.228 | 0.581 | 3.73 | 4 |
| 5 | 1.25 B | 0.480B | 14.0 B | 88.8 | 0.184 | 0.024 | 0.396 | 1.70 | 0.224 | 0.191 | 0.459 | 2.84 | 5 |
| 6 | 1.15 B | 0.490B | 12.0 B | 74.2 | 0.173 | 0.019 | 0.342 | 1.36 | 0.206 | 0.164 | 0.408 | 2.35 | 6 |
| 7 | 1.06 | 0.500B | 17.5 | 58.7 | 0.149 | 0.017 | 0.268 | 1.18 | 0.172 | 0.198 | 0.358 | 1.958 | 7 |
| 8 | 1.31 | 0.530B | 30.5 | 35.0 | 0.135 | 0.021 | 0.231 | 0.997 | 0.182 | 0.225 | 0.320 | 1.92 | 8 |
| 9 | 1.42 | 0.490B | 30.7 | 10.5 | 0.124 | 0.029 | 4.54 | 1.85 | 0.148 | 0.310 | 0.384 | 8.37 | 9 |
| 10 | 1.43 | 0.460B | 14.5 B | 4.38 | 0.104 | 0.016 | 7.52 | 18.3 | 0.133 | 0.371 | 0.338 | 10.8 | 10 |
| 11 | 1.51 | 0.450B | 5.40 B | 2.82 | 0.107 | 0.009 | 3.20 | 21.8 | 0.132 | 0.371 | 0.324 | 8.14 | 11 |
| 12 | 1.49 | 0.440B | 3.50 B | 3.23 | 0.084 | 0.013 | 2.03 | 14.5 | 0.144 | 0.455 | 0.317 | 5.37 | 12 |
| 13 | 1.38 | 0.438B | 2.40 B | 4.38 | 0.085 | 0.218 | 1.49 | 7.84 | 0.121 | 0.481 | 0.303 | 4.55 | 13 |
| 14 | 1.68 | 0.430B | 1.88 | 4.45 | 0.088 | 0.123 | 1.73 | 3.30 | 0.124 | 0.384 | 0.280 | 3.71 | 14 |
| 15 | 15.2 | 0.428B | 1.27 | 3.20 | 0.084 | 0.084 | 1.68 | 1.85 | 0.114 | 0.327 | 0.273 | 10.4 | 15 |
| 16 | 10.0 B | 0.420B | 1.11 | 2.38 | 0.086 | 0.028 | 1.34 | 1.24 | 0.112 | 0.287 | 0.256 | 27.9 | 16 |
| 17 | 10.0 B | 0.430B | 0.952 | 1.91 | 0.089 | 0.017 | 1.22 | 0.810 | 0.241 | 0.232 | 0.258 | 21.4 | 17 |
| 18 | 6.00 B | 0.418B | 0.851 | 1.62 | 0.087 | 0.010 | 1.19 | 0.510 | 1.27 | 0.203 | 0.288 | 11.5 | 18 |
| 19 | 3.00 B | 0.410B | 0.784 | 1.35 | 0.088 | 0.008 | 0.872 | 0.339 | 1.37 | 0.191 | 0.279 | 8.83 | 19 |
| 20 | 2.05 B | 0.408B | 0.709 | 1.12 | 0.083 | 0.010 | 3.50 | 0.248 | 1.67 | 0.171 | 0.297 | 10.9 | 20 |
| 21 | 1.35 B | 0.402B | 0.708 | 0.909 | 0.083 | 0.009 | 7.51 | 0.207 | 1.99 | 0.178 | 0.298 | 21.8 | 21 |
| 22 | 1.05 B | 0.401B | 0.697 | 0.748 | 0.088 | 0.723 | 5.84 | 0.159 | 2.07 | 0.238 | 0.277 | 18.7 | 22 |
| 23 | 0.880B | 0.400B | 0.749 | 0.694 | 0.086 | 1.15 | 3.83 | 0.141 | 2.59 | 0.381 | 0.286 | 10.0 | 23 |
| 24 | 0.740B | 0.400B | 0.755 | 0.645 | 0.083 | 0.526 | 2.38 | 0.094 | 2.73 | 0.591 | 0.249 | 4.74 | 24 |
| 25 | 0.850B | 0.400B | 0.799 | 0.851 | 0.058 | 0.290 | 1.72 | 0.082 | 2.08 | 1.34 | 3.69 | 3.76 | 25 |
| 26 | 0.600B | 0.420B | 0.904 | 0.494 | 0.045 | 0.693 | 3.38 | 0.080 | 1.38 | 1.89 | 24.2 | 4.02 | 26 |
| 27 | 0.560B | 0.520B | 0.959 | 0.454 | 0.038 | 1.08 | 9.32 | 0.100 | 0.882 | 2.01 | 21.3 | 3.46 | 27 |
| 28 | 0.530B | 0.850B | 1.08 | 0.415 | 0.028 | 1.16 | 6.84 | 0.088 | 0.557 | 2.10 | 10.8 | 2.40 | 28 |
| 29 | 0.500B | | 1.22 | 0.339 | 0.025 | 0.706 | 4.89 | 0.108 | 0.484 | 1.81 | 17.6 | 1.628 | 29 |
| 30 | 0.470B | | 1.87 | 0.294 | 0.029 | 0.587 | 3.76 | 0.093 | 0.847 | 1.57 | 25.3 | 1.238 | 30 |
| 31 | 0.480B | | 8.03 | | 0.031 | | 1.74 | 0.109 | | 1.33 | | 1.39 | 31 |
| TOTAL | 82.150 | 13.058 | 217.207 | 371.947 | 3.328 | 7.841 | 84.086 | 82.499 | 22.497 | 19.285 | 112.305 | 244.19 | TOTAL |
| MEAN | 2.65 | 0.466 | 7.01 | 12.4 | 0.107 | 0.258 | 2.71 | 2.66 | 0.750 | 0.621 | 3.74 | 7.88 | MEAN |
| MAX | 15.0 | 0.850 | 30.7 | 74.2 | 0.297 | 1.15 | 9.32 | 21.8 | 2.73 | 2.10 | 25.3 | 27.9 | MAX |
| MIN | 0.470 | 0.400 | 0.697 | 0.294 | 0.025 | 0.008 | 0.231 | 0.080 | 0.112 | 0.164 | 0.249 | 1.23 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.45
MAXIMUM DAILY, 74.2 ON APR 6
MINIMUM DAILY, 0.008 ON JUN 19
MAXIMUM INSTANTANEOUS,
80.9 AT 23:04 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 02 N
LONG 79 23 00 W
DRAINAGE AREA, 293 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 100 | JUL | 7 270 |
| FEB | 1 130 | AUG | 7 120 |
| MAR | 18 800 | SEP | 1 940 |
| APR | 32 100 | OCT | 1 660 |
| MAY | 288 | NOV | 9 700 |
| JUN | 680 | DEC | 21 100 |

TOTAL DISCHARGE, 109 000 dam³

## VENISON CREEK NEAR WALSINGHAM - STATION NO 02GC021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.58 | 1.09 | 1.96 E | 1.85 E | 0.960 | 0.694 | 0.654 | 0.485E | 0.510E | 0.602 | 0.671 | 1.13 | 1 |
| 2 | 1.58 | 1.10 | 3.10 E | 2.01 E | 0.940 | 0.702 | 0.653 | 0.530E | 0.500E | 0.809 | 0.676 | 1.05 | 2 |
| 3 | 1.54 | 1.11 | 1.93 | 2.07 | 0.920 | 0.712 | 0.648 | 0.570E | 0.505E | 0.621 | 0.685 | 1.01 | 3 |
| 4 | 1.44 | 1.10 | 1.42 | 2.09 | 0.901 | 0.683 | 0.630 | 0.520E | 0.510E | 0.608 | 0.685 | 1.01 | 4 |
| 5 | 1.38 | 1.06 | 1.20 | 3.31 | 0.888 | 0.680 | 0.624 | 0.495E | 0.515E | 0.603 | 0.721 | 0.956 | 5 |
| 6 | 1.35 | 1.05 | 1.34 E | 3.96 | 0.883 | 0.671 | 0.625 | 0.480E | 0.525E | 0.615 | 0.697 | 0.930 | 6 |
| 7 | 1.41 | 1.04 | 1.87 | 3.19 | 0.850 | 0.670 | 0.635 | 0.520E | 0.535E | 0.644 | 0.686 | 0.921 | 7 |
| 8 | 1.43 | 1.07 | 2.01 | 2.33 | 0.849 | 0.670 | 0.587 | 0.815E | 0.550E | 0.628E | 0.703 | 0.935 | 8 |
| 9 | 1.37 | 1.04 B | 1.89 | 1.97 | 0.841 | 0.672 | 0.487 | 1.00 E | 0.589A | 0.610 | 0.777 | 1.02 | 9 |
| 10 | 1.41 | 1.01 | 1.45 | 1.77 | 0.824 | 0.650 | 0.476 | 0.870E | 0.571 | 0.622 | 0.728 | 1.10 | 10 |
| 11 | 1.43 | 1.00 | 1.28 | 1.65 | 0.811 | 0.645 | 0.520 | 0.525E | 0.586 | 0.676 | 0.711 | 1.04 | 11 |
| 12 | 1.36 | 1.01 | 1.19 | 1.89 | 0.803 | 0.720 | 0.539 | 0.495E | 0.589 | 0.643 | 0.707 | 1.13 | 12 |
| 13 | 1.33 | 0.982 | 1.13 | 2.18 | 0.797 | 0.686 | 0.545 | 0.475E | 0.587 | 0.632 | 0.700 | 1.10 | 13 |
| 14 | 1.38 | 0.965 | 1.11 | 1.85 | 0.843 | 0.689 | 0.537 | 0.460E | 0.571 | 0.622 | 0.689 | 1.01 | 14 |
| 15 | 2.28 | 0.930B | 1.07 | 1.63 | 0.986 | 0.648 | 0.571 | 0.450E | 0.587 | 0.619 | 0.685 | 1.85 | 15 |
| 16 | 2.50 | 0.910B | 1.04 | 1.55 | 0.837 | 0.644 | 0.530 | 0.440E | 0.595 | 0.619 | 0.671 | 2.17 | 16 |
| 17 | 1.83 | 0.880B | 1.03 | 1.46 | 0.789 | 0.642 | 0.481 | 0.430E | 0.589E | 0.645 | 0.684 | 1.84 | 17 |
| 18 | 1.59 | 0.884 | 1.03 | 1.38 | 0.837 | 0.638 | 0.451 | 0.425E | 0.554 | 0.648 | 0.695 | 1.36 | 18 |
| 19 | 1.48 | 0.867 | 1.01 | 1.30 | 0.844 | 0.634 | 0.493 | 0.415E | 0.520 | 0.636 | 0.682 | 1.27 | 19 |
| 20 | 1.46 | 0.885 | 1.01 | 1.22 | 0.827 | 0.616 | 0.392 | 0.410E | 0.600 | 0.639 | 0.686 | 2.01 | 20 |
| 21 | 1.38 | 0.858 | 1.00 | 1.17 | 0.796 | 0.622 | 0.327 | 0.405E | 0.606 | 0.662 | 0.677 | 2.34 | 21 |
| 22 | 1.32 | 0.852 | 1.00 | 1.14 | 0.774 | 0.750 | 0.380 | 0.405E | 0.797 | 0.662 | 0.673 | 1.88 | 22 |
| 23 | 1.288 | 0.886 | 0.991 | 1.12 | 0.758 | 0.681 | 0.381 | 0.410E | 0.635 | 0.706 | 0.681 | 1.48 | 23 |
| 24 | 1.248 | 0.857 | 0.991 | 1.09 | 0.751 | 0.648 | 0.372 | 0.425E | 0.606 | 0.710 | 0.683 | 1.38 | 24 |
| 25 | 1.228 | 0.846 | 1.05 | 1.05 | 0.743 | 0.643 | 0.370 | 0.445E | 0.594 | 0.759 | 1.32 E | 1.82 | 25 |
| 26 | 1.188 | 0.844 | 1.20 | 1.01 | 0.739 | 0.648 | 0.348 | 0.485E | 0.607 | 0.682 | 1.80 E | 1.75 | 26 |
| 27 | 1.168 | 0.843 | 1.18 | 1.02 | 0.728 | 0.688 | 0.377 | 0.560E | 0.595 | 0.636 | 1.13 | 1.48 | 27 |
| 28 | 1.138 | 0.849 | 1.14 | 1.05 | 0.716 | 0.670 | 0.328 | 0.520E | 0.586 | 0.783 | 1.00 E | 1.38 | 28 |
| 29 | 1.11 | | 1.09 E | 1.01 | 0.715 | 0.654 | 0.322 | 0.505E | 0.602 | 0.708 | 1.32 | 1.29 | 29 |
| 30 | 1.13 | | 1.39 E | 0.985 | 0.697 | 0.651 | 0.285A | 0.520E | 0.607 | 0.689 | 1.27 | 1.18 B | 30 |
| 31 | 1.12 | | 1.98 E | | 0.694 | | 0.365E | 0.530E | | 0.674 | | 1.23 B | 31 |
| TOTAL | 44.42 | 28.789 | 41.912 | 51.085 | 25.330 | 19.993 | 14.999 | 15.020 | 17.809 | 20.615 | 24.196 | 41.382 | TOTAL |
| MEAN | 1.43 | 0.956 | 1.35 | 1.70 | 0.817 | 0.686 | 0.484 | 0.517 | 0.587 | 0.685 | 0.807 | 1.33 | MEAN |
| MAX | 2.50 | 1.11 | 3.10 | 3.96 | 0.986 | 0.750 | 0.654 | 1.00 | 0.797 | 0.836 | 1.80 | 2.34 | MAX |
| MIN | 1.11 | 0.843 | 0.991 | 0.985 | 0.694 | 0.616 | 0.295 | 0.405 | 0.500 | 0.602 | 0.671 | 0.921 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.943
MAXIMUM DAILY, 3.96 ON APR 6
MINIMUM DAILY, 0.285A ON JUL 30
MAXIMUM INSTANTANEOUS
4.19 AT 08:22 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 27 N
LONG 80 36 00 W
DRAINAGE AREA, 88.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 840 | JUL | 1 300 |
| FEB | 2 310 | AUG | 1 380 |
| MAR | 3 620 | SEP | 1 520 |
| APR | 4 410 | OCT | 1 780 |
| MAY | 2 190 | NOV | 2 080 |
| JUN | 1 730 | DEC | 3 580 |

TOTAL DISCHARGE, 29 400 dam³

## VERMILION RIVER AT LORNE FALLS - STATION NO. 02CF004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.2 | 8.97 | 6.09 | 112 | 49.8 | 37.1 | 16.0 | 4.84 | 2.75 | 2.86 | 5.12 | 16.3 | 1 |
| 2 | 16.5 | 11.0 | 7.86 | 108 | 48.1 | 36.8 | 15.7 | 4.79 | 1.84 | 3.86 | 7.62 | 18.0 | 2 |
| 3 | 15.4 | 11.3 | 7.70 | 116 | 47.4 | 36.2 | 11.8 | 5.21 | 1.84 | 1.76 | 9.84 | 17.9 | 3 |
| 4 | 15.0 | 8.97 | 8.97 | 114 | 46.9 | 33.0 | 14.7 | 4.98 | 1.84 | 2.86 | 9.74 | 16.9 | 4 |
| 5 | 15.1 | 10.1 | 10.6 | 102 | 43.4 | 41.0 | 17.2 | 3.06 | 1.84 | 2.86 | 8.98 | 16.9 | 5 |
| 6 | 14.3 | 13.1 | 11.5 | 107 | 41.1 | 45.6 | 13.8 | 3.94 | 2.32 | 2.89 | 8.50 | 16.9 | 6 |
| 7 | 15.1 | 12.0 | 11.8 | 108 | 38.8 | 49.3 | 11.5 | 3.94 | 2.83 | 2.89 | 8.92 | 16.9 | 7 |
| 8 | 14.3 | 12.0 | 10.1 | 101 | 38.1 | 47.6 | 11.7 | 3.94 | 2.38 | 3.78 | 10.5 | 19.7 | 8 |
| 9 | 14.8 | 11.0 | 8.88 | 99.8 | 33.4 | 43.0 | 13.1 | 3.94 | 2.01 | 4.84 | 9.12 | 18.7 | 9 |
| 10 | 14.4 | 13.8 | 13.8 | 88.4 | 30.9 | 40.1 | 14.4 | 3.94 | 1.84 | 4.18 | 10.8 | 18.9 | 10 |
| 11 | 15.8 | 12.5 | 11.3 | 84.5 | 30.0 | 35.9 | 14.4 | 3.94 | 3.28 | 3.96 | 10.1 | 20.4 | 11 |
| 12 | 16.0 | 11.4 | 11.8 | 95.1 | 28.4 | 33.6 | 14.3 | 3.94 | 2.92 | 3.94 | 13.0 | 22.4 | 12 |
| 13 | 14.1 | 11.0 | 11.3 | 89.5 | 26.8 | 32.3 | 14.4 | 2.72 | 2.21 | 4.33 | 13.4 | 29.2 | 13 |
| 14 | 15.0 | 8.61 | 11.5 | 82.8 | 27.7 | 31.5 | 12.8 | 3.77 | 1.36 | 4.11 | 14.0 | 31.6 | 14 |
| 15 | 13.6 | 10.1 | 11.1 | 78.8 | 28.5 | 27.9 | 12.8 | 3.94 | 2.58 | 5.52 | 13.8 | 35.6 | 15 |
| 16 | 12.3 | 9.83 | 12.3 | 87.5 | 26.8 | 27.2 | 11.8 | 3.94 | 2.12 | 4.73 | 14.8 | 36.5 | 16 |
| 17 | 11.1 | 11.8 | 9.97 | 86.3 | 25.1 | 28.5 | 9.17 | 3.94 | 2.35 | 5.10 | 14.8 | 35.8 | 17 |
| 18 | 10.7 | 11.5 | 12.1 | 80.0 | 24.9 | 28.5 | 8.88 | 3.94 | 1.80 | 5.30 | 14.2 | --- | 18 |
| 19 | 12.3 | 10.5 | 11.1 | 80.8 | 25.2 | 24.7 | 7.87 | 3.94 | 3.14 | 4.33 | 14.5 | 34.4 | 19 |
| 20 | 13.2 | 11.2 | 11.8 | 83.3 | 25.5 | 24.2 | 8.88 | 3.94 | 1.87 | 5.18 | 14.5 | 34.0 | 20 |
| 21 | 12.0 | 10.4 | 13.1 | 58.6 | 24.9 | 23.7 | 5.13 | 3.94 | 2.52 | 4.53 | 14.8 | 32.6 | 21 |
| 22 | 11.1 | 10.8 | 12.8 | 60.9 | 26.1 | 20.5 | 5.13 | 3.03 | 2.12 | 5.10 | 15.0 | 31.1 | 22 |
| 23 | 14.1 | 10.8 | 14.1 | 59.4 | 27.4 | 18.3 | 5.13 | 3.94 | 2.12 | 4.90 | 15.3 | 31.4 | 23 |
| 24 | 12.5 | 9.43 | 13.2 | 56.1 | 28.3 | 18.5 | 5.14 | 3.03 | 3.06 | 5.07 | 15.3 | 30.5 | 24 |
| 25 | 11.3 | 10.7 | 26.5 | 50.8 | 29.4 | 18.5 | 5.13 | 2.89 | 2.52 | 5.80 | 15.2 | 32.1 | 25 |
| 26 | 12.1 | 10.0 | 40.2 | 39.8 | 29.8 | 17.4 | 5.13 | 2.89 | 2.41 | 7.87 | 14.6 | 29.2 | 26 |
| 27 | 12.2 | 8.38 | 50.2 | 37.0 | 32.1 | 16.1 | 5.13 | 1.70 | 3.06 | 7.73 | 13.8 | 29.3 | 27 |
| 28 | 8.92 | 8.41 | 74.4 | 36.6 | 34.4 | 16.7 | 5.13 | 2.78 | 1.98 | 7.36 | 15.6 | 28.9 | 28 |
| 29 | 10.5 | | 85.4 | 38.8 | 36.5 | 8.87 | 5.13 | 2.78 | 2.55 | 7.87 | 14.7 | 27.8 | 29 |
| 30 | 11.8 | | 87.8 | 42.8 | 37.7 | 13.3 | 5.13 | 1.84 | 2.55 | 8.13 | 13.8 | 26.8 | 30 |
| 31 | 10.3 | | 110 | | 37.8 | | 3.88 | 1.84 | | 8.13 | | 26.2 | 31 |
| TOTAL | 414.12 | 301.50 | 758.95 | 2 308.5 | 1 026.0 | 870.07 | 308.57 | 111.02 | 70.13 | 153.36 | 373.65 | --- | TOTAL |
| MEAN | 13.4 | 10.8 | 24.4 | 76.9 | 33.1 | 29.0 | 9.95 | 3.58 | 2.34 | 4.95 | 12.5 | --- | MEAN |
| MAX | 18.0 | 13.8 | 110 | 116 | 49.8 | 49.3 | 17.2 | 5.21 | 3.28 | 8.13 | 15.6 | --- | MAX |
| MIN | 8.92 | 8.38 | 6.09 | 37.0 | 24.9 | 9.87 | 3.88 | 1.70 | 1.36 | 1.76 | 5.13 | --- | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 116 ON APR 3
MINIMUM DAILY, 1.36 ON SEP 14

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 18 55 N
LONG 81 31 18 W
DRAINAGE AREA, 4 190 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 35 800 | JUL | 26 700 |
| FEB | 26 000 | AUG | 9 590 |
| MAR | 65 400 | SEP | 6 080 |
| APR | 199 000 | OCT | 13 300 |
| MAY | 88 600 | NOV | 32 300 |
| JUN | 75 200 | DEC | --- |

DATA CONTRIBUTED BY -
INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REGULATED

REMARKS - INCLUDES ONAPING LAKE BASIN EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM

## VERMILION RIVER NEAR VAL CARON - STATION NO. 02CF011

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.828 | 2.998 | 2.778 | 11.88 | 14.1 | 11.8 | 3.31 | 1.38 E | 1.58 E | 1.98E | 1.85E | 3.61 | 1 |
| 2 | 3.76 | 2.998 | 2.768 | 11.9 | 13.2 | 26.0 | 3.20 | 1.42 E | 1.30 E | 2.06 | 1.85E | 3.658 | 2 |
| 3 | 3.698 | 2.998 | 2.738 | 11.38 | 12.2 | 29.4 | 3.48 | 1.80 E | 1.15 E | 2.38 | 2.00E | 3.488 | 3 |
| 4 | 3.628 | 3.008 | 2.728 | 10.78 | 11.2 | 21.3 | 3.86 | 1.40 E | 1.12 E | 2.48 | 2.22 | 3.338 | 4 |
| 5 | 3.568 | 3.008 | 2.718 | 10.8 | 10.5 | 17.2 | 3.46 | 1.20 E | 0.98OE | 2.28 | 2.49 | 3.238 | 5 |
| 6 | 3.46 | 3.008 | 2.728 | 11.7 | 9.78 | 14.7 | 3.24 | 1.10 E | 0.900E | 2.17 | 2.84 | 3.158 | 6 |
| 7 | 3.428 | 3.008 | 2.738 | 12.8 | 9.12 | 13.0 | 3.14 | 1.21 E | 0.820E | 2.24 | 3.00 | 3.098 | 7 |
| 8 | 3.388 | 3.008 | 2.768 | 15.4 | 8.34 | 11.5 | 3.07 | 1.15 E | 0.810E | 2.13 | 2.90 | 3.028 | 8 |
| 9 | 3.31 | 3.008 | 2.798 | 16.4 | 7.76 | 10.5 | 3.03 | 1.05 E | 1.25 A | 2.06 | 2.87 | 3.158 | 9 |
| 10 | 3.22 | 3.008 | 2.828 | 17.5 | 7.33 | 9.62 | 2.95 | 1.00 E | 1.78 E | 2.08 | 2.71 | 3.808 | 10 |
| 11 | 3.188 | 3.008 | 2.788 | 18.5 | 6.93 | 8.84 | 3.05 | 0.950E | 1.70 E | 2.10 | 2.67 | 4.28 | 11 |
| 12 | 3.22 | 2.998 | 2.658 | 18.6 | 6.67 | 8.67 | 2.97 | 0.930E | 1.86 E | 2.08 | 2.80 | 4.85 | 12 |
| 13 | 3.19 | 2.998 | 2.598 | 19.8 | 6.24 | 8.13 | 2.88 | 0.900E | 2.02 E | 2.07 | 2.47 | 5.11 | 13 |
| 14 | 3.11 | 2.998 | 2.588 | 18.8 | 5.94 | 7.55 | 2.72 | 1.10 E | 1.90 E | 2.02 | 2.39 | 5.09 | 14 |
| 15 | 3.118 | 2.998 | 2.518 | 19.9 | 5.94 | 6.88 | 2.57 | 1.38 E | 1.78 E | 2.04 | 2.34 | 4.928 | 15 |
| 16 | 3.108 | 2.998 | 2.508 | 19.8 | 5.73 | 6.29 | 2.47 | 1.58 E | 1.62 E | 3.56 | 2.35 | 4.858 | 16 |
| 17 | 3.078 | 2.988 | 2.498 | 19.5 | 5.88 | 5.73 | 2.37 | 1.48 E | 1.50 E | 2.98 | 2.41 | 4.758 | 17 |
| 18 | 3.058 | 2.978 | 2.488 | 18.9 | 6.23 | 5.28 | 2.37 | 1.40 E | 1.42 E | 2.25 | 2.52 | 4.708 | 18 |
| 19 | 3.038 | 2.988 | 2.508 | 18.4 | 6.06 | 5.04 | 2.43 | 1.40 E | 1.58 E | 2.06 | 2.62 | 4.658 | 19 |
| 20 | 3.018 | 2.958 | 2.518 | 17.6 | 5.83 | 4.72 | 2.45 | 1.42 E | 1.76 E | 1.98E | 2.69 | 4.558 | 20 |
| 21 | 3.008 | 2.938 | 2.588 | 16.8 | 5.56 | 4.39 | 2.38 | 1.50 E | 1.85 E | 1.70E | 2.658 | 4.508 | 21 |
| 22 | 2.998 | 2.918 | 2.61 | 16.0 | 6.08 | 4.17 | 2.22 | 1.60 E | 1.93 A | 1.45E | 2.528 | 4.458 | 22 |
| 23 | 2.988 | 2.908 | 2.83 | 15.3 | 7.00 | 4.03 | 2.12 | 1.50 E | 1.45 E | 1.38E | 2.558 | 4.408 | 23 |
| 24 | 2.988 | 2.888 | 3.20 | 15.1 | 7.47 | 3.86 | 2.09 | 1.36 A | 1.30 E | 1.60E | 2.67 | 4.328 | 24 |
| 25 | 2.988 | 2.868 | 3.80 | 14.5 | 7.37 | 3.83 | 2.11 | 1.28 E | 1.22 E | 1.70E | 2.75 | 4.288 | 25 |
| 26 | 2.988 | 2.848 | 4.38 | 13.8 | 7.25 | 3.68 | 2.05 | 1.25 E | 1.20 E | 1.60E | 2.718 | 4.228 | 26 |
| 27 | 2.988 | 2.828 | 5.14 | 13.9 | 7.66 | 3.51 | 1.98 | 1.25 E | 1.18 E | 1.82E | 2.628 | 4.188 | 27 |
| 28 | 2.988 | 2.808 | 6.07 | 14.9 | 8.42 | 3.44 | 1.85E | 1.37 A | 1.20 E | 2.00E | 2.64 | 4.158 | 28 |
| 29 | 2.988 | | 7.13 | 14.9 | 8.31 | 3.41 | 1.70E | 1.22 E | 1.58 E | 1.95E | 2.71 | 4.088 | 29 |
| 30 | 2.988 | | 8.70 | 14.7 | 8.83 | 3.40 | 1.60E | 1.18 E | 1.80 E | 1.90E | 3.26 | 4.058 | 30 |
| 31 | 2.998 | | 11.2 | | 7.75 | | 1.50E | 1.38 E | | 1.88E | | 4.008 | 31 |
| TOTAL | 99.10 | 82.72 | 111.65 | 472.8 | 245.75 | 271.63 | 80.40 | 39.920 | 43.340 | 63.95 | 76.87 | 127.69 | TOTAL |
| MEAN | 3.20 | 2.95 | 3.60 | 15.8 | 7.93 | 9.05 | 2.59 | 1.29 | 1.44 | 2.06 | 2.56 | 4.12 | MEAN |
| MAX | 3.82 | 3.00 | 11.2 | 19.9 | 14.1 | 29.4 | 3.86 | 1.60 | 2.02 | 3.56 | 3.26 | 5.11 | MAX |
| MIN | 2.98 | 2.80 | 2.49 | 10.7 | 5.56 | 3.40 | 1.50 | 0.900 | 0.820 | 1.38 | 1.85 | 3.02 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.70
MAXIMUM DAILY, 29.4 ON JUN 3
MINIMUM DAILY, 0.820E ON SEP 7
MAXIMUM INSTANTANEOUS,
37.1 AT 21 12 EST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 41 07 N
LONG 81 00 32 W
DRAINAGE AREA, 704 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 8 580 | JUL | 8 950 |
| FEB | 7 150 | AUG | 3 460 |
| MAR | 9 650 | SEP | 2 740 |
| APR | 40 800 | OCT | 5 530 |
| MAY | 21 200 | NOV | 8 820 |
| JUN | 23 580 | DEC | 11 000 |

TOTAL DISCHARGE 148 000 dam³

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AND FORMERLY PUBLISHED UNDER STA. NO. 02CF101

## YEUVE RIVER NEAR VERNER - STATION NO. 02DD012

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.668 | 1.628 | 1.428 | 56.8 | 8.96 | 7.30 E | 0.569 | 0.382 | 0.362 | 0.383 | 1.85 | 7.26 | 1 |
| 2 | 2.628 | 1.618 | 1.508 | 46.5 | 7.42 | 7.65 E | 0.531 | 0.374 | 0.355 | 0.481 | 1.83A | 7.27 | 2 |
| 3 | 2.578 | 1.608 | 1.528 | 46.8 | 5.97 | 7.10 E | 0.551 | 0.372 | 0.327 | 0.602 | 2.22E | 6.52 | 3 |
| 4 | 2.548 | 1.598 | 1.498 | 49.3 | 4.81 | 5.37 A | 0.638 | 0.388 | 0.305 | 1.01 | 3.05E | 5.91 | 4 |
| 5 | 2.518 | 1.588 | 1.488 | 50.7 | 4.18 | 4.79 | 0.672 | 0.348 | 0.294 | 1.16 | 3.85E | 5.35 | 5 |
| 6 | 2.498 | 1.588 | 1.528 | 59.2 | 3.72 | 3.76 | 0.686 | 0.325 | 0.279 | 1.14 | 4.30A | 4.76 | 6 |
| 7 | 2.468 | 1.588 | 1.658 | 64.7 | 3.17 | 3.12 | 0.746 | 0.311 | 0.270 | 1.22 | 3.64 | 4.46 | 7 |
| 8 | 2.448 | 1.588 | 1.908 | 61.4 | 2.93 | 2.90 | 0.659 | 0.298 | 0.260 | 2.06 | 3.26 | 4.11 | 8 |
| 9 | 2.428 | 1.588 | 2.258 | 56.0 | 2.83 | 3.26 | 0.974 | 0.288 | 0.253 | 2.27 | 2.88 | 5.79 | 9 |
| 10 | 2.398 | 1.588 | 2.558 | 48.8 | 2.56 | 3.28 | 1.03 | 0.280E | 0.231 | 2.03 | 2.60 | 13.4 | 10 |
| 11 | 2.388 | 1.588 | 2.588 | 42.7 | 2.53 | 2.77 | 1.02 | 0.295E | 0.224 | 1.75 | 2.36 | 15.4 | 11 |
| 12 | 2.348 | 1.588 | 2.478 | 36.9 | 2.57 | 2.72 | 0.946 | 0.300E | 0.222 | 1.44 | 2.18 | 16.5 | 12 |
| 13 | 2.328 | 1.588 | 2.358 | 31.7 | 2.49 | 2.69 | 0.813 | 0.318A | 0.225 | 1.22 | 2.11 | 15.8 B | 13 |
| 14 | 2.268 | 1.588 | 2.268 | 22.1 | 2.28 | 2.56 | 0.731 | 0.385 | 0.218 | 1.08 | 2.10 | 14.6 B | 14 |
| 15 | 2.278 | 1.588 | 2.148 | 13.9 | 2.46 | 2.22 | 0.650 | 0.478 | 0.219 | 1.02 | 2.10 | 13.3 B | 15 |
| 16 | 2.188 | 1.588 | 2.048 | 11.5 | 2.85 | 1.82 | 0.600 | 0.514 | 0.213 | 0.953 | 2.18 | 12.1 B | 16 |
| 17 | 2.008 | 1.538 | 1.948 | 9.84 | 2.90 | 1.50 | 0.590 | 0.481 | 0.211 | 0.959 | 2.24 | 11.1 B | 17 |
| 18 | 1.958 | 1.508 | 1.828 | 8.45 | 3.88 | 1.29 | 0.543 | 0.432 | 0.212 | 0.886 | 2.52 | 10.2 B | 18 |
| 19 | 1.938 | 1.478 | 1.978 | 7.36 | 4.85 | 1.15 | 0.487 | 0.419 | 0.219 | 0.813 | 3.16 | 9.408 | 19 |
| 20 | 1.918 | 1.448 | 2.318 | 6.59 | 4.87 | 1.05 | 0.488 | 0.408 | 0.244 | 0.831 | 3.46 | 8.708 | 20 |
| 21 | 1.878 | 1.418 | 2.718 | 5.80 | 4.48 | 1.02 | 0.481 | 0.378 | 0.288 | 0.820 | 4.39 | 8.158 | 21 |
| 22 | 1.848 | 1.398 | 3.788 | 5.47 | 4.58 | 0.976 | 0.461 | 0.373 | 0.337 | 0.788 | 4.53 | 7.708 | 22 |
| 23 | 1.808 | 1.368 | 5.078 | 5.48 | 7.97 | 0.843 | 0.418 | 0.367 | 0.348 | 0.747 | 4.46 | 7.208 | 23 |
| 24 | 1.788 | 1.378 | 12.1 B | 5.58 | 10.8 | 0.784 | 0.403 | 0.376A | 0.324 | 0.784 | 4.97 | 6.808 | 24 |
| 25 | 1.768 | 1.378 | 23.3 B | 5.60 | 9.35 | 0.701 | 0.408 | 0.330E | 0.332 | 0.824 | 6.05 | 6.408 | 25 |
| 26 | 1.738 | 1.388 | 34.7 B | 4.85 | 7.89 | 0.686 | 0.405 | 0.320E | 0.355 | 0.947 | 5.85 | 6.108 | 26 |
| 27 | 1.708 | 1.388 | 41.4 B | 4.53 | 6.86 | 0.692 | 0.388 | 0.318E | 0.349 | 1.22 | 5.22 | 5.808 | 27 |
| 28 | 1.688 | 1.388 | 44.1 B | 8.55 | 10.8 A | 0.686 | 0.347 | 0.318A | 0.388 | 1.60 | 4.82 | 5.508 | 28 |
| 29 | 1.668 | | 47.4 B | 11.4 | 9.00E | 0.631 | 0.322 | 0.302 | 0.371 | 1.84 | 4.68 | 5.258 | 29 |
| 30 | 1.648 | | 48.1 B | 10.8 | 7.50E | 0.600 | 0.332 | 0.304 | 0.391 | 1.91 | 5.46 | 5.008 | 30 |
| 31 | 1.628 | | 46.2 B | | 6.90E | | 0.370 | 0.347 | | 1.89 | | 4.758 | 31 |
| TOTAL | 65.70 | 42.40 | 388.99 | 803.26 | 186.30 | 75.887 | 18.392 | 11.123 | 8.615 | 38.606 | 104.54 | 281.78 | TOTAL |
| MEAN | 2.12 | 1.51 | 12.5 | 26.8 | 6.36 | 2.53 | 0.593 | 0.359 | 0.287 | 1.16 | 3.46 | 8.44 | MEAN |
| MAX | 2.66 | 1.82 | 66.1 | 64.7 | 10.8 | 7.65 | 1.03 | 0.514 | 0.391 | 2.27 | 6.05 | 16.5 | MAX |
| MIN | 1.62 | 1.37 | 1.42 | 4.53 | 2.28 | 0.600 | 0.322 | 0.288 | 0.211 | 0.383 | 1.83 | 4.11 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.43
MAXIMUM DAILY, 66.1B ON MAR 30
MINIMUM DAILY, 0.211 ON SEP 17
MAXIMUM INSTANTANEOUS,
72.9 AT 19:59 EST ON MAR 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 24 07 N
LONG 80 06 00 W
DRAINAGE AREA, 741 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 680 | JUL | 1 590 |
| FEB | 3 680 | AUG | 961 |
| MAR | 33 600 | SEP | 744 |
| APR | 69 400 | OCT | 3 160 |
| MAY | 16 400 | NOV | 9 030 |
| JUN | 6 550 | DEC | 22 600 |

TOTAL DISCHARGE, 171 000 dam³

## WABIGOON RIVER AT DRYDEN - STATION NO. 05QD016

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 97.5 | 91.4 | 101 | 101 | 25.9 | 67.1 | 84.0 | 74.7 | 24.4 | 19.8 | 19.8 | 24.4 | 1 |
| 2 | 97.5 | 91.4 | 101 | 101 | 25.9 | 67.1 | 82.5 | 74.7 | 24.4 | 19.8 | 19.8 | 24.4 | 2 |
| 3 | 97.5 | 91.4 | 101 | 101 | 25.9 | 67.1 | 82.5 | 74.7 | 24.4 | 19.8 | 19.8 | 24.4 | 3 |
| 4 | 97.5 | 91.4 | 101 | 101 | 25.9 | 67.1 | 82.5 | 74.7 | 24.4 | 19.8 | 19.8 | 24.4 | 4 |
| 5 | 97.5 | 91.4 | 101 | 101 | 25.9 | 67.1 | 82.5 | 84.9 | 24.4 | 19.8 | 19.8 | 24.4 | 5 |
| 6 | 97.5 | 91.4 | 101 | 101 | 25.9 | 67.1 | 82.5 | 84.9 | 24.4 | 19.8 | 19.8 | 24.4 | 6 |
| 7 | 97.5 | 91.4 | 101 | 101 | 25.9 | 67.1 | 82.5 | 84.9 | 24.4 | 19.8 | 19.8 | 24.4 | 7 |
| 8 | 97.5 | 91.4 | 101 | 59.4 | 25.9 | 67.1 | 82.5 | 84.9 | 24.4 | 19.8 | 19.8 | 24.4 | 8 |
| 9 | 97.5 | 91.4 | 101 | 59.4 | 25.9 | 104 | 82.5 | 84.9 | 24.4 | 19.8 | 19.8 | 24.4 | 9 |
| 10 | 97.5 | 91.4 | 101 | 59.4 | 25.9 | 104 | 82.5 | 51.8 | 24.4 | 19.8 | 19.8 | 24.4 | 10 |
| 11 | 97.5 | 91.4 | 101 | 59.4 | 25.9 | 104 | 82.5 | 51.8 | 24.4 | 19.8 | 19.8 | 24.4 | 11 |
| 12 | 97.5 | 91.4 | 101 | 59.4 | 25.9 | 104 | 82.5 | 51.8 | 24.4 | 19.8 | 19.8 | 24.4 | 12 |
| 13 | 97.5 | 91.4 | 101 | 27.4 | 25.9 | 104 | 82.5 | 51.8 | 24.4 | 19.8 | 19.8 | 24.4 | 13 |
| 14 | 97.5 | 91.4 | 101 | 27.4 | 25.9 | 99.1 | 82.5 | 51.8 | 24.4 | 19.8 | 19.8 | 24.4 | 14 |
| 15 | 97.5 | 91.4 | 101 | 27.4 | 25.9 | 99.1 | 82.5 | 51.8 | 24.4 | 19.8 | 19.8 | 24.4 | 15 |
| 16 | 97.5 | 101 | 101 | 27.4 | 25.9 | 99.1 | 82.5 | 51.8 | 24.4 | 19.8 | 19.8 | 24.4 | 16 |
| 17 | 97.5 | 101 | 101 | 27.4 | 25.9 | 99.1 | 82.5 | 51.8 | 24.4 | 19.8 | 19.8 | 24.4 | 17 |
| 18 | 97.5 | 101 | 101 | 27.4 | 25.9 | 65.5 | 82.5 | 39.6 | 24.4 | 19.8 | 19.8 | 24.4 | 18 |
| 19 | 97.5 | 101 | 101 | 27.4 | 25.9 | 65.5 | 82.5 | 39.6 | 24.4 | 19.8 | 19.8 | 24.4 | 19 |
| 20 | 97.5 | 101 | 101 | 18.3 | 39.6 | 65.5 | 82.5 | 39.6 | 24.4 | 19.8 | 19.8 | 24.4 | 20 |
| 21 | 97.5 | 101 | 101 | 18.3 | 39.6 | 65.5 | 82.5 | 39.6 | 24.4 | 19.8 | 19.8 | 24.4 | 21 |
| 22 | 97.5 | 101 | 101 | 18.3 | 39.6 | 65.5 | 82.5 | 39.6 | 24.4 | 19.8 | 19.8 | 24.4 | 22 |
| 23 | 97.5 | 101 | 101 | 18.3 | 39.6 | 65.5 | 82.5 | 39.6 | 24.4 | 19.8 | 19.8 | 24.4 | 23 |
| 24 | 97.5 | 101 | 101 | 25.9 | 39.6 | 65.5 | 82.5 | 39.6 | 24.4 | 19.8 | 19.8 | 24.4 | 24 |
| 25 | 97.5 | 101 | 101 | 25.9 | 39.6 | 65.5 | 82.5 | 39.6 | 24.4 | 19.8 | 19.8 | 24.4 | 25 |
| 26 | 97.5 | 101 | 101 | 25.9 | 39.6 | 65.5 | 82.5 | 39.6 | 24.4 | 19.8 | 19.8 | 24.4 | 26 |
| 27 | 97.5 | 101 | 101 | 25.9 | 39.6 | 65.5 | 82.5 | 39.6 | 24.4 | 19.8 | 19.8 | 24.4 | 27 |
| 28 | 97.5 | 101 | 101 | 25.9 | 39.6 | 84.0 | 74.7 | 24.4 | 24.4 | 19.8 | 19.8 | 24.4 | 28 |
| 29 | 97.5 | | 101 | 25.9 | 39.6 | 84.0 | 74.7 | 24.4 | 24.4 | 19.8 | 19.8 | 24.4 | 29 |
| 30 | 97.5 | | 101 | 25.9 | 39.6 | 84.0 | 74.7 | 24.4 | 24.4 | 19.8 | 19.8 | 24.4 | 30 |
| 31 | 91.4 | | 101 | | 39.6 | | 74.7 | 24.4 | | 19.8 | | 24.4 | 31 |
| TOTAL | 3 016.4 | 2 684.0 | 3 131 | 1 450.3 | 967.3 | 2 300.2 | 1 987.8 | 1 481.3 | 732.0 | 613.8 | 594.0 | 756.4 | TOTAL |
| MEAN | 97.3 | 95.9 | 101 | 46.3 | 31.2 | 76.7 | 64.1 | 47.8 | 24.4 | 19.8 | 19.8 | 24.4 | MEAN |
| MAX | 97.5 | 101 | 101 | 101 | 39.6 | 104 | 74.7 | 74.7 | 24.4 | 19.8 | 19.8 | 24.4 | MAX |
| MIN | 91.4 | 91.4 | 101 | 18.3 | 25.9 | 84.0 | 82.5 | 24.4 | 24.4 | 19.8 | 19.8 | 24.4 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 54.0
MAXIMUM DAILY, 104 ON JUN 5
MINIMUM DAILY, 18.3 ON APR 20

DATA CONTRIBUTED BY -
GREAT LAKES FOREST PRODUCTS LIMITED

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 49 45 N
LONG 92 52 15 W
DRAINAGE AREA, 2 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 261 000 | JUL | 172 000 |
| FEB | 232 000 | AUG | 128 000 |
| MAR | 271 000 | SEP | 83 200 |
| APR | 125 000 | OCT | 53 000 |
| MAY | 83 600 | NOV | 51 300 |
| JUN | 199 000 | DEC | 85 400 |

TOTAL DISCHARGE, 1 700 000 dam³

## WABIGOON RIVER NEAR QUIBELL - STATION NO. 05QD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23.4 | 22.7 | 21.9 | 30.2 | 15.6 | 21.9 | 17.3 | 16.5 | 13.4 | 13.0 | 11.6 | 11.6 | 1 |
| 2 | 23.3 | 22.6 | 21.9 | 29.7 | 16.0 | 21.7 | 17.4 | 16.0 | 13.2 | 11.9 | 11.7 | 11.7 | 2 |
| 3 | 23.3 | 22.4 | 21.8 | 28.7 | 16.7 | 22.4 | 16.2 | 16.9 | 13.6 | 12.4 | 11.7 | 11.5 | 3 |
| 4 | 23.4 | 22.2 | 22.1 | 29.5 | 15.8 | 23.9 | 16.1 | 16.4 | 12.2 | 12.6 | 11.7 | 11.4 | 4 |
| 5 | 23.3 | 22.1 | 21.7 | 29.6 | 15.7 | 23.9 | 15.9 | 16.4 | 12.0 | 12.5 | 11.9 | 11.2 | 5 |
| 6 | 23.3 | 22.2 | 21.8 | 30.4 | 15.7 | 23.7 | 15.7 | 16.2 | 12.1 | 12.4 | 12.0 | 11.5 | 6 |
| 7 | 23.4 | 22.4 | 21.8 | 32.2 | 15.9 | 23.1 | 15.7 | 16.7 | 12.0 | 12.2 | 11.8 | 11.7 | 7 |
| 8 | 23.2 | 22.4 | 21.9 | 33.4 | 15.9 | 22.4 | 15.6 | 16.4 | 12.1 | 11.4 | 11.5 | 11.7 | 8 |
| 9 | 22.9 | 22.3 | 21.9 | 35.5 | 15.8 | 21.8 | 14.5 | 16.5 | 11.9 | 11.4 | 11.4 | 11.6 | 9 |
| 10 | 23.2 | 22.4 | 21.6 | 38.0 | 16.4 | 22.8 | 14.4 | 16.4 | 12.1 | 11.2 | 11.3 | 11.7 | 10 |
| 11 | 23.2 | 22.5 | 21.5 | 38.6 | 15.7 | 25.9 | 15.0 | 16.8 | 12.3 | 11.3 | 11.3 | 12.0 | 11 |
| 12 | 22.9 | 22.4 | 21.2 | 39.3 | 15.4 | 30.3 | 15.4 | 17.7 | 12.4 | 11.3 | 11.2 | 11.8 | 12 |
| 13 | 22.4 | 22.0 | 17.8 | 37.3 | 15.0 | 32.4 | 15.5 | 18.4E | 12.8 | 11.3 | 11.2 | 11.9 | 13 |
| 14 | 20.2 | 21.7 | 19.2 | 36.0 | 15.0 | 31.3 | 15.5 | 19.0E | 12.9 | 11.5 | 11.5 | 11.9 | 14 |
| 15 | 20.5 | 21.8 | 21.1 | 33.2 | 15.4 | 29.9 | 15.8 | 19.6E | 12.8 | 11.7 | 11.6 | 11.9 | 15 |
| 16 | 22.2 | 22.1 | 21.7 | 30.8 | 15.0 | 28.2 | 16.8 | 20.1A | 12.2 | 11.8 | 11.2 | 11.8 | 16 |
| 17 | 22.4 | 22.1 | 21.8 | 29.4 | 14.9 | 26.7 | 17.0 | 19.7A | 12.1 | 11.5 | 11.7 | 11.7 | 17 |
| 18 | 22.4 | 22.0 | 21.6 | 28.7 | 14.8 | 25.8 | 17.4 | 19.5 | 12.6 | 11.1 | 12.1 | 11.8 | 18 |
| 19 | 22.4 | 22.4 | 21.7 | 26.0 | 13.8 | 24.5 | 18.1 | 18.9 | 12.5 | 11.2 | 12.0 | 11.9 | 19 |
| 20 | 22.5 | 22.6 | 22.4 | 26.9 | 13.4 | 22.6 | 18.8 | 18.3 | 12.5 | 11.2 | 11.9 | 11.9 | 20 |
| 21 | 22.5 | 22.8 | 22.5 | 25.6 | 14.1 | 20.8 | 19.2 | 17.8 | 12.5 | 11.2 | 12.0 | 11.9 | 21 |
| 22 | 22.3 | 22.5 | 23.7 | 26.1 | 19.3 | 20.5 | 18.5 | 18.7 | 12.5 | 11.1 | 12.1 | 11.8 | 22 |
| 23 | 21.9 | 22.2 | 25.7 | 24.7 | 23.7 | 19.8 | 18.9 | 18.3 | 12.3 | 11.1 | 11.9 | 11.7 | 23 |
| 24 | 21.7 | 22.0 | 26.2 | 24.0 | 24.2 | 19.2 | 19.0 | 18.0 | 11.9 | 11.1 | 11.8 | 11.9 | 24 |
| 25 | 21.5 | 22.2 | 30.8 | 23.5 | 23.6 | 18.7 | 18.5 | 17.7 | 11.6 | 11.1 | 11.7 | 11.8 | 25 |
| 26 | 21.6 | 22.1 | 32.6 | 22.2 | 23.6 | 17.8 | 18.8 | 15.3 | 11.3 | 11.2 | 11.8 | 11.7 | 26 |
| 27 | 21.7 | 22.0 | 33.4 | 21.2 | 23.3 | 17.7 | 18.8 | 14.9 | 11.2 | 11.3 | 11.8 | 11.6 | 27 |
| 28 | 21.9 | 21.9 | 33.5 | 21.0 | 22.8 | 17.6 | 18.4 | 14.8 | 11.4 | 11.4 | 11.7 | 11.8 | 28 |
| 29 | 22.4 |  | 33.1 | 20.2 | 22.0 | 17.3 | 18.9 | 14.4 | 11.5 | 11.4 | 11.7 | 11.7 | 29 |
| 30 | 22.7 |  | 32.3 | 20.4 | 22.1 | 17.6 | 19.8 | 13.8 | 11.8 | 11.2 | 11.8 | 11.8 | 30 |
| 31 | 22.8 |  | 31.4 |  | 22.1 |  | 19.3 | 13.4 |  | 11.4 |  | 11.7 | 31 |
| TOTAL | 696.8 | 623.0 | 755.7 | 876.3 | 554.7 | 691.4 | 531.0 | 534.0 | 386.3 | 357.2 | 350.2 | 383.2 | TOTAL |
| MEAN | 22.5 | 22.3 | 24.4 | 29.2 | 17.9 | 23.0 | 17.1 | 17.2 | 12.2 | 11.5 | 11.7 | 11.7 | MEAN |
| MAX | 23.4 | 22.8 | 33.5 | 39.6 | 24.2 | 32.4 | 19.5 | 20.1 | 13.4 | 12.5 | 12.1 | 12.0 | MAX |
| MIN | 20.2 | 21.7 | 17.8 | 20.2 | 13.4 | 17.3 | 14.4 | 13.4 | 11.2 | 11.1 | 11.2 | 11.2 | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 39.6 ON APR 11
MINIMUM DAILY, 11.1 ON OCT 18
MAXIMUM INSTANTANEOUS,
40.0 AT 16.15 CST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 20 N
LONG 93 23 50 W
DRAINAGE AREA, 5 370 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1914

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 60 200 | JUL | 45 900 |
| FEB | 53 600 | AUG | 46 100 |
| MAR | 65 300 | SEP | 31 600 |
| APR | 75 700 | OCT | 30 900 |
| MAY | 47 900 | NOV | 30 300 |
| JUN | 59 700 | DEC | 31 400 |

TOTAL DISCHARGE, 579 000 dam³

## WABOOSE LAKE RESERVOIR AT WABOOSE DAM - STATION NO. 04GB002

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 325.170 | 325.100 | 324.980 | 324.830E | 325.110 | 325.230 | 325.150 | 325.200 | 325.230 | 324.970 | 324.840 | 324.820 | 1 |
| 2 | 325.170 | 325.100 | 325.000 | 324.830 | 325.100 | 325.250 | 325.170 | 325.210 | 325.210 | 324.980 | 324.850 | 324.810 | 2 |
| 3 | 325.170 | 325.100 | 325.000 | 324.820 | 325.100 | 325.280 | 325.190 | 325.240 | 325.200 | 324.970 | 324.870 | 324.810 | 3 |
| 4 | 325.160 | 325.100 | 325.000 | 324.820 | 325.100 | 325.230 | 325.170 | 325.250 | 325.200 | 324.980 | 324.870 | 324.810 | 4 |
| 5 | 325.150 | 325.090 | 325.000 | 324.820 | 325.110 | 325.220 | 325.180 | 325.230 | 325.200 | 324.950 | 324.870 | 324.800 | 5 |
| 6 | 325.150 | 325.090 | 324.980 | 324.870 | 325.140 | 325.210 | 325.180 | 325.220 | 325.190 | 324.980 | 324.850 | 324.780 | 6 |
| 7 | 325.140 | 325.080 | 324.980 | 324.930 | 325.130 | 325.210 | 325.150 | 325.240 | 325.180 | 324.980 | 324.850 | 324.780 | 7 |
| 8 | 325.140 | 325.080 | 324.970 | 324.970 | 325.130 | 325.220 | 325.170 | 325.210 | 325.170 | 324.940 | 324.840 | 324.790 | 8 |
| 9 | 325.130 | 325.090 | 324.980 | 325.080 | 325.140 | 325.220 | 325.140 | 325.220 | 325.170 | 324.930 | 324.850 | 324.800 | 9 |
| 10 | 325.130 | 325.080 | 324.980 | 325.170 | 325.120 | 325.210 | 325.140 | 325.210 | 325.160 | 324.930 | 324.840 | 324.800 | 10 |
| 11 | 325.120 | 325.070 | 324.950 | 325.100 | 325.140 | 325.220 | 325.140 | 325.190 | 325.170 | 324.930 | 324.840 | 324.800 | 11 |
| 12 | 325.120 | 325.070 | 324.950 | 325.080 | 325.130 | 325.230 | 325.180 | 325.210 | 325.180 | 324.910 | 324.840 | 324.800 | 12 |
| 13 | 325.100 | 325.070 | 324.940 | 325.080 | 325.150 | 325.230 | 325.180 | 325.210 | 325.180 | 324.910 | 324.850 | 324.800 | 13 |
| 14 | 325.100 | 325.080 | 324.930 | 325.080 | 325.180 | 325.250 | 325.180 | 325.200 | 325.150 | 324.920 | 324.840 | 324.800 | 14 |
| 15 | 325.110 | 325.060 | 324.920 | 325.060 | 325.170 | 325.230 | 325.180 | 325.190 | 325.130 | 324.910 | 324.830 | 324.800 | 15 |
| 16 | 325.110 | 325.050 | 324.920 | 325.090 | 325.180 | 325.220 | 325.180 | 325.200 | 325.120 | 324.890 | 324.840 | 324.800 | 16 |
| 17 | 325.110 | 325.050 | 324.910 | 325.090 | 325.170 | 325.210 | 325.150 | 325.220 | 325.100 | 324.890 | 324.880 | 324.800 | 17 |
| 18 | 325.110 | 325.050 | 324.900 | 325.080 | 325.170 | 325.220 | 325.180 | 325.220 | 325.080 | 324.890 | 324.850 | 324.800 | 18 |
| 19 | 325.100 | 325.050 | 324.900 | 325.080 | 325.160 | 325.210 | 325.190 | 325.230 | 325.070 | 324.910 | 324.850 | 324.800 | 19 |
| 20 | 325.100 | 325.040 | 324.890 | 325.080 | 325.170 | 325.210 | 325.200 | 325.230 | 325.070 | 324.890 | 324.850 | 324.800 | 20 |
| 21 | 325.100 | 325.040 | 324.880 | 325.080 | 325.200 | 325.200 | 325.200 | 325.240 | 325.080 | 324.880 | 324.840 | 324.800 | 21 |
| 22 | 325.100 | 325.040 | 324.880 | 325.080 | 325.240 | 325.180 | 325.210 | 325.280 | 325.050E | 324.870 | 324.840 | 324.790 | 22 |
| 23 | 325.100 | 325.030 | 324.880 | 325.080 | 325.280 | 325.190 | 325.230 | 325.260 | 325.040E | 324.860 | 324.850 | 324.790 | 23 |
| 24 | 325.100 | 325.020 | 324.900 | 325.080 | 325.280 | 325.190 | 325.230 | 325.250 | 325.040E | 324.850 | 324.840 | 324.790 | 24 |
| 25 | 325.100 | 325.020 | 324.910 | 325.040 | 325.240 | 325.200 | 325.230 | 325.230 | 325.030 | 324.850 | 324.830 | 324.790 | 25 |
| 26 | 325.100 | 325.010 | 324.890 | 325.080 | 325.230 | 325.200 | 325.240 | 325.230 | 325.010 | 324.860 | 324.830 | 324.790 | 26 |
| 27 | 325.100 | 325.000 | 324.870 | 325.180 | 325.230 | 325.200 | 325.230 | 325.230 | 324.990 | 324.880 | 324.830 | 324.790 | 27 |
| 28 | 325.100 | 325.000 | 324.880 | 325.140 | 325.220 | 325.190 | 325.210 | 325.220 | 324.990 | 324.870 | 324.830 | 324.790 | 28 |
| 29 | 325.100 |  | 324.850 | 325.140 | 325.230 | 325.180 | 325.220 | 325.220 | 324.980 | 324.850 | 324.830 | 324.790 | 29 |
| 30 | 325.110 |  | 324.850E | 325.120 | 325.240 | 325.170 | 325.200 | 325.250 | 324.980 | 324.850 | 324.830 | 324.790 | 30 |
| 31 | 325.100 |  | 324.850E |  | 325.240 |  | 325.200 | 325.280 |  | 324.850 |  | 324.800 | 31 |
| MEAN | 325.130 | 325.058 | 324.928 | 325.027 | 325.175 | 325.213 | 325.185 | 325.228 | 325.110 | 324.907 | 324.845 | 324.788 | MEAN |
| MAX | 325.170 | 325.100 | 325.000 | 325.180 | 325.280 | 325.280 | 325.240 | 325.280 | 325.230 | 324.990 | 324.870 | 324.820 | MAX |
| MIN | 325.100 | 325.000 | 324.850 | 324.820 | 325.100 | 325.170 | 325.140 | 325.190 | 324.980 | 324.850 | 324.830 | 324.790 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 325.049
MAXIMUM DAILY, 325.280 ON MAY 23
MINIMUM DAILY, 324.790 ON DEC 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 20 N
LONG 87 59 40 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

## WANAPITEI LAKE AT BOWLANDS BAY - STATION NO 02DA002

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 286.270 | 285.900 | 285.710 | 285.300 | 286.080 | 286.560 | 286.890 | 286.920 | 286.850 | 286.850 | 286.930 | 286.810 | 1 |
| 2 | 286.270 | 285.910 | 285.740 | 285.300 | 286.100 | 286.600 | 286.890 | 286.920 | 286.850 | 286.850 | 286.940 | 286.820 | 2 |
| 3 | 286.230 | 285.900 | 285.750 | 285.320 | 286.120 | 286.620 | 286.900 | 286.920 | 286.850 | 286.880 | 286.940 | 286.800 | 3 |
| 4 | 286.210 | 285.830 | 285.730 | 285.340 | 286.140 | 286.660 | 286.920 | 286.930 | 286.840 | 286.870 | 286.950 | 286.790 | 4 |
| 5 | 286.190 | 285.880 | 285.730 | 285.380 | 286.170 | 286.680 | 286.920 | 286.930 | 286.830 | 286.870 | 286.960 | 286.800 | 5 |
| 6 | 286.150 | 285.880 | 285.730 | 285.380 | 286.180 | 286.700 | 286.920 | 286.920 | 286.830 | 286.870 | 286.970 | 286.770 | 6 |
| 7 | 286.170 | 285.870 | 285.720 | 285.380 | 286.190 | 286.720 | 286.920 | 286.920 | 286.830 | 286.880 | 286.960 | 286.750 | 7 |
| 8 | 286.150 | 285.870 | 285.710 | 285.390 | 286.220 | 286.730 | 286.930 | 286.920 | 286.840 | 286.890 | 286.950 | 286.740 | 8 |
| 9 | 286.130 | 285.880 | 285.720 | 285.420 | 286.220 | 286.770 | 286.930 | 286.910 | 286.870 | 286.870 | 286.950 | 286.730 | 9 |
| 10 | 286.100 | 285.870 | 285.710 | 285.440 | 286.240 | 286.770 | 286.930 | 286.920 | 286.870 | 286.880 | 286.950 | 286.720 | 10 |
| 11 | 286.090 | 285.850 | 285.690 | 285.460 | 286.260 | 286.780 | 286.930 | 286.910 | 286.860 | 286.880 | 286.930 | 286.710 | 11 |
| 12 | 286.090 | 285.850 | 285.690 | 285.510 | 286.260 | 286.790 | 286.930 | 286.900 | 286.870 | 286.890 | 286.920 | 286.700 | 12 |
| 13 | 286.080 | 285.830 | 285.690 | 285.530 | 286.260 | 286.800 | 286.930 | 286.900 | 286.870 | 286.890 | 286.910 | 286.700 | 13 |
| 14 | 286.070 | 285.830 | 285.680 | 285.540 | 286.290 | 286.810 | 286.950 | 286.900 | 286.880 | 286.880 | 286.910 | 286.690 | 14 |
| 15 | 286.060 | 285.830 | 285.680 | 285.580 | 286.290 | 286.820 | 286.940 | 286.900 | 286.880 | 286.900 | 286.900 | 286.680 | 15 |
| 16 | 286.040 | 285.820 | 285.660 | 285.630 | 286.310 | 286.830 | 286.940 | 286.900 | 286.860 | 286.890 | 286.900 | 286.690 | 16 |
| 17 | 286.030 | 285.810 | 285.640 | 285.670 | 286.310 | 286.840 | 286.930 | 286.890 | 286.880 | 286.880 | 286.890 | 286.690 | 17 |
| 18 | 286.020 | 285.800 | 285.620 | 285.700 | 286.330 | 286.830 | 286.920 | 286.910 | 286.860 | 286.900 | 286.880 | 286.660 | 18 |
| 19 | 286.010 | 285.800 | 285.580 | 285.740 | 286.340 | 286.840 | 286.930 | 286.930 | 286.850 | 286.910 | 286.890 | 286.650 | 19 |
| 20 | 286.000 | 285.790 | 285.550 | 285.780 | 286.350 | 286.860 | 286.930 | 286.920 | 286.850 | 286.900 | 286.880 | 286.640 | 20 |
| 21 | 286.000 | 285.790 | 285.530 | 285.790 | 286.370 | 286.870 | 286.940 | 286.900 | 286.860 | 286.900 | 286.850 | 286.630 | 21 |
| 22 | 285.970 | 285.780 | 285.490 | 285.830 | 286.400 | 286.880 | 286.950 | 286.900 | 286.870 | 286.900 | 286.850 | 286.630 | 22 |
| 23 | 285.960 | 285.770 | 285.480 | 285.860 | 286.420 | 286.880 | 286.940 | 286.900 | 286.860 | 286.900 | 286.850 | 286.610 | 23 |
| 24 | 285.970 | 285.760 | 285.440 | 285.880 | 286.430 | 286.880 | 286.940 | 286.880 | 286.870 | 286.900 | 286.860 | 286.580 | 24 |
| 25 | 285.950 | 285.760 | 285.420 | 285.900 | 286.440 | 286.870 | 286.950 | 286.870 | 286.850 | 286.910 | 286.880 | 286.550 | 25 |
| 26 | 285.960 | 285.780 | 285.380 | 285.930 | 286.460 | 286.870 | 286.960 | 286.880 | 286.840 | 286.910 | 286.840 | 286.540 | 26 |
| 27 | 285.940 | 285.740 | 285.360 | 285.950 | 286.460 | 286.880 | 286.950 | 286.880 | 286.840 | 286.920 | 286.830 | 286.510 | 27 |
| 28 | 285.940 | 285.720 | 285.350 | 286.000 | 286.480 | 286.880 | 286.930 | 286.870 | 286.830 | 286.920 | 286.820 | 286.510 | 28 |
| 29 | 285.920 | | 285.330 | 285.080 | 286.500 | 286.880 | 286.930 | 286.860 | 286.830 | 286.920 | 286.800 | 286.480 | 29 |
| 30 | 285.920 | | 285.340 | 285.030 | 286.510 | 286.890 | 286.920 | 286.850 | 286.850 | 286.930 | 286.780 | 286.460 | 30 |
| 31 | 285.910 | | 285.320 | | 286.530 | | 286.930 | 286.860 | | 286.930 | | 286.440 | 31 |
| MEAN | 286.058 | 285.826 | 285.586 | 285.632 | 286.312 | 286.782 | 286.930 | 286.901 | 286.852 | 286.893 | 286.888 | 286.661 | MEAN |
| MAX | 286.270 | 285.910 | 285.750 | 286.080 | 286.530 | 286.890 | 286.960 | 286.930 | 286.870 | 286.930 | 286.960 | 286.820 | MAX |
| MIN | 285.910 | 285.720 | 285.320 | 285.300 | 286.080 | 286.560 | 286.890 | 286.850 | 286.830 | 286.850 | 286.780 | 286.440 | MIN |

WATER LEVELS IN METRES

### SUMMARY FOR THE YEAR 1987

MEAN, 286.449
MAXIMUM DAILY, 286.980 ON NOV 5
MINIMUM DAILY, 285.300 ON APR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 39 22 N
LONG 80 46 03 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1933

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

## WANAPITEI RIVER NEAR WANUP - STATION NO. 02DB005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 39.4 | 23.8 | 18.7 | 87.8 | 11.0 | 9.24 | 3.45 | 3.70 | 4.24 | 4.00 | 7.43 | 27.2 | 1 |
| 2 | 39.8 | 23.5 | 18.7 | 78.5 | 10.2 | 9.31 | 3.55 | 3.75 | 4.03 | 4.94 | 5.19 | 26.8 | 2 |
| 3 | 39.9 | 23.2 | 18.8 | 54.9 | 9.57 | 9.16 | 3.70 | 3.77 | 3.93 | 5.48 | 4.09 | 31.3 | 3 |
| 4 | 39.9 | 23.2 | 18.9 | 41.7 | 9.14 | 9.18 | 3.77 | 3.73 | 3.88 | 8.14 | 5.06 | 31.9 | 4 |
| 5 | 39.8 | 23.6 | 18.8 | 39.1 | 8.43 | 8.69 | 3.85 | 3.68 | 3.84 | 7.58 | 8.71 | 32.1 | 5 |
| 6 | 39.2 | 22.4 | 18.9 | 39.7 | 7.72 | 8.14 | 4.86 | 3.67 | 3.82 | 5.64 | 14.4 | 33.1 | 6 |
| 7 | 38.5 | 22.4 | 18.9 | 43.6 | 7.37 | 7.97 | 7.74 | 3.81 | 3.76 | 7.11 | 22.6 | 33.4 | 7 |
| 8 | 38.8 | 22.5 | 19.0 | 42.8 | 7.18 | 8.39 | 5.84 | 3.85 | 3.74 | 8.00 | 21.8 | 33.4 | 8 |
| 9 | 33.5 | 22.7 | 19.0 | 38.8 | 7.10 | 8.17 | 4.60 | 3.87 | 3.73 | 6.98 | 21.8 | 34.8 | 9 |
| 10 | 32.7 | 22.8 | 19.0 | 37.8 | 6.94 | 7.51 | 5.42 | 3.82 | 4.00 | 6.29 | 21.5 | 41.4 | 10 |
| 11 | 32.5 | 22.5 | 19.1 | 36.0 | 6.85 | 7.46 | 5.28 | 3.77 | 4.50 | 6.08 | 21.4 | 45.0 | 11 |
| 12 | 31.8 | 22.5 | 19.0 | 34.5 | 6.76 | 7.48 | 5.31 | 3.78 | 4.06 | 5.98 | 21.8 | 46.2 | 12 |
| 13 | 29.6 | 22.5 | 19.2 | 32.7 | 6.63 | 6.97 | 5.43 | 4.20 | 4.92 | 6.01 | 24.3 | 47.7 | 13 |
| 14 | 29.6 | 22.4 | 19.4 | 31.3 | 6.49 | 6.87 | 5.29 | 5.10 | 7.52 | 5.94 | 25.9 | 47.5 | 14 |
| 15 | 29.5 | 22.2 | 19.4 | 29.5 | 6.22 | 6.53 | 3.87 | 4.58 | 5.05 | 5.15 | 25.1 | 44.7 | 15 |
| 16 | 28.7 | 22.2 | 23.8 | 19.0 | 6.11 | 6.35E | 3.46 | 4.34 | 4.34 | 4.14 | 24.7 | 40.4 | 16 |
| 17 | 28.5 | 21.8 | 40.2 | 16.8 | 6.48 | 6.20E | 3.42 | 4.64 | 3.98 | 3.59 | 22.7 | 43.9 | 17 |
| 18 | 28.8 | 21.2 | 46.2 | 15.5 | 9.20 | 5.50 | 3.33 | 4.71 | 3.81 | 3.43 | 13.4 | 43.8 | 18 |
| 19 | 28.3 | 20.7 | 50.3 | 14.3 | 8.31 | 4.70 | 3.21 | 4.08 | 3.50 | 3.46 | 17.7 | 43.7 | 19 |
| 20 | 25.4 | 20.4 | 50.8 | 14.1 | 7.63 | 3.95 | 3.22 | 3.02 | 3.52 | 7.62 | 19.5 | 43.5 | 20 |
| 21 | 25.1 | 20.3 | 54.3 | 13.4 | 7.09 | 3.78 | 3.19 | 3.64 | 3.58 | 8.37 | 20.6 | 43.2 | 21 |
| 22 | 25.1 | 20.2 | 56.5 | 11.7 | 7.87 | 3.71 | 3.10 | 3.22 | 3.70 | 8.38 | 19.3 | 47.7 | 22 |
| 23 | 26.2 | 20.0 | 59.7 | 7.17 | 12.8 | 2.54 | 3.04 | 3.28 | 3.81 | 8.43 | 19.1 | 52.7 | 23 |
| 24 | 25.9 | 19.1 | 67.8 | 9.01 | 16.3 | 3.33 | 3.18 | 3.42 | 3.88 | 7.80 | 20.7 | 52.9 | 24 |
| 25 | 25.5 | 18.9 | 85.9 | 9.55 | 17.7 | 3.25 | 3.85 | 3.88 | 4.06 | 4.78 | 21.9 | 52.8 | 25 |
| 26 | 25.1 | 18.8 | 94.0 | 9.39 | 16.1 | 3.05 | 3.99 | 4.06 | 4.23 | 3.56 | 22.8 | 52.9 | 26 |
| 27 | 25.2 | 18.6 | 97.9 | 9.19 | 14.2 | 3.04 | 3.80 | 4.11 | 9.15 | 3.16 | 22.8 | 52.5 | 27 |
| 28 | 25.6 | 18.7 | 96.2 | 9.54 | 13.3 | 3.00 | 3.68 | 4.14 | 10.0 | 3.82 | 22.7 | 50.4 | 28 |
| 29 | 25.0 | | 92.6 | 10.1 | 14.8 | 3.04 | 3.66 | 4.14 | 6.38 | 8.04 | 22.8 | 48.2 | 29 |
| 30 | 24.9 | | 100 | 11.1 | 13.0 | 3.23 | 3.85 | 4.18 | 4.18 | 8.80 | 23.5 | 44.6 | 30 |
| 31 | 24.2 | | 99.2 | | 8.79 | | 3.62 | 4.34 | | 8.98 | | 46.7 | 31 |
| TOTAL | 951.1 | 602.0 | 1 400.2 | 841.76 | 284.86 | 179.54 | 127.37 | 122.24 | 145.15 | 189.45 | 582.98 | 1 318.7 | TOTAL |
| MEAN | 30.7 | 21.5 | 45.2 | 28.1 | 9.51 | 5.98 | 4.11 | 3.94 | 4.84 | 6.11 | 18.8 | 42.5 | MEAN |
| MAX | 39.9 | 23.8 | 100 | 87.8 | 17.7 | 9.31 | 7.74 | 5.10 | 10.0 | 8.98 | 25.9 | 52.9 | MAX |
| MIN | 24.2 | 18.6 | 18.7 | 7.17 | 5.22 | 2.54 | 3.04 | 3.02 | 3.50 | 3.16 | 4.09 | 27.2 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

### SUMMARY FOR THE YEAR 1987

MEAN, 18.5
MAXIMUM DAILY, 100 ON MAR 30
MINIMUM DAILY, 2.54 ON JUN 23
MAXIMUM INSTANTANEOUS,
105 AT 00 32 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 40 N
LONG 80 50 24 W
DRAINAGE AREA, 3 130 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 82 200 | JUL | 11 000 |
| FEB | 52 000 | AUG | 10 500 |
| MAR | 121 000 | SEP | 12 500 |
| APR | 72 700 | OCT | 16 400 |
| MAY | 25 500 | NOV | 48 500 |
| JUN | 15 500 | DEC | 114 000 |

TOTAL DISCHARGE, 582 000 dam³

## WATABEAG RIVER AT WATABEAG LAKE DAM - STATION NO. 04MB003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 4.40 | 2.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 1 |
| 2 | 0 | 4.00 | 1.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.700 | 0 | 2 |
| 3 | 0 | 3.40 | 1.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 3 |
| 4 | 0 | 2.80 | 1.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 4 |
| 5 | 0 | 2.50 | 1.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 5 |
| 6 | 0 | 2.10 | 1.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 6 |
| 7 | 0 | 1.70 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 7 |
| 8 | 0 | 1.50 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 8 |
| 9 | 0 | 1.30 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 9 |
| 10 | 0 | 1.10 | 1.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 10 |
| 11 | 0 | 0.900 | 1.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 11 |
| 12 | 0 | 4.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 12 |
| 13 | 0 | 7.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 13 |
| 14 | 0 | 6.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | 14 |
| 15 | 0 | 6.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.20 | --- | 0 | 15 |
| 16 | 0 | 5.90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0.100 | 0 | 16 |
| 17 | 0 | 5.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 17 |
| 18 | 0 | 5.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 18 |
| 19 | 0 | 4.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 19 |
| 20 | 0 | 4.20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 20 |
| 21 | 0 | 3.80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 21 |
| 22 | 0 | 3.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 22 |
| 23 | 0 | 3.10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 23 |
| 24 | 0 | 2.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 24 |
| 25 | 0 | 2.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 25 |
| 26 | 0 | 2.10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 26 |
| 27 | 0 | 2.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 27 |
| 28 | 0 | 2.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 28 |
| 29 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 29 |
| 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 30 |
| 31 | 0 | | 0 | | 0 | | 0 | 0 | | --- | | 0 | 31 |
| TOTAL | 0 | 97.000 | 20.10 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | TOTAL |
| MEAN | 0 | 3.48 | 0.648 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | MEAN |
| MAX | 0 | 7.30 | 2.00 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | MAX |
| MIN | 0 | 0.900 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | MIN |

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 17 34 N
LONG 80 32 43 W
DRAINAGE AREA, 236 km²

REGULATED

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 0 |
| FEB | 8 380 | AUG | 0 |
| MAR | 1 740 | SEP | 0 |
| APR | 0 | OCT | --- |
| MAY | 0 | NOV | --- |
| JUN | 0 | DEC | 0 |

## WAUBUNO CREEK NEAR DORCHESTER - STATION NO 02GB020

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.09 | 0.3308 | 1.50 B | 2.72 | 0.307 | 3.76 | 0.058 | 0.011 | 0.030 | 0.038 | 0.186 | 1.53 | 1 |
| 2 | 1.05 | 0.3208 | 6.00 B | 2.57 | 0.288 | 3.29 | 0.054 | 0.058 | 0.030 | 0.043 | 0.148 | 1.15 | 2 |
| 3 | 0.940 | 0.3108 | 6.20 B | 2.51 | 0.252 | 1.30 | 0.048 | 0.123 | 0.024 | 0.049 | 0.140 | 0.974 | 3 |
| 4 | 0.8908 | 0.3008 | 5.50 B | 3.09 | 0.223 | 0.736 | 0.274 | 0.047 | 0.023 | 0.055 | 0.136 | 0.858 | 4 |
| 5 | 0.8308 | 0.2908 | 4.60 B | 12.0 | 0.213 | 0.482 | 0.221 | 0.058 | 0.021 | 0.058 | 0.130 | 0.753 | 5 |
| 6 | 0.9008 | 0.3008 | 4.80 B | 10.9 | 0.206 | 0.364 | 0.101 | 0.048 | 0.023 | 0.051 | 0.134 | 0.668 | 6 |
| 7 | 0.850 | 0.3308 | 7.00 B | 4.87 | 0.192 | 0.300 | 0.070 | 0.044 | 0.025 | 0.048 | 0.127 | 0.801 | 7 |
| 8 | 0.731 | 0.3108 | 16.5 | 2.82 | 0.181 | 0.361 | 0.050 | 0.044 | 0.025 | 0.048 | 0.287 | 0.803 | 8 |
| 9 | 0.702 | 0.2608 | 12.3 | 1.84 | 0.163 | 0.309 | 0.045 | 0.158 | 0.023 | 0.050 | 0.550 | 1.37 A | 9 |
| 10 | 0.727 | 0.2708 | 3.88 B | 1.40 | 0.158 | 0.221 | 0.053 | 0.449 | 0.021 | 0.050 | 0.418 | 2.71 A | 10 |
| 11 | 0.743 | 0.2508 | 2.17 B | 1.15 | 0.149 | 0.191 | 0.051 | 0.182 | 0.035 | 0.048 | 0.278 | 1.65 | 11 |
| 12 | 0.656 | 0.2408 | 1.53 B | 1.44 | 0.132 | 0.192 | 0.074 | 0.088 | 0.040 | 0.047 | 0.226 | 1.78 | 12 |
| 13 | 0.623 | 0.2358 | 1.14 | 3.08 | 0.127 | 0.170 | 0.046 | 0.061 | 0.049 | 0.049 | 0.190 | 1.76 | 13 |
| 14 | 0.625 | 0.2308 | 1.01 | 2.07 | 0.137 | 0.148 | 1.05 | 0.047 | 0.042 | 0.047 | 0.169 | 1.28 | 14 |
| 15 | 1.81 | 0.2258 | 0.882 | 1.66 | 0.203 | 0.124 | 0.436 | 0.038 | 0.048 | 0.043 | 0.149 | 2.11 A | 15 |
| 16 | 2.76 | 0.2208 | 1.00 | 1.36 | 0.155 | 0.106 | 0.171 | 0.032 | 0.040 | 0.046 | 0.144 | 4.75 | 16 |
| 17 | 1.70 B | 0.2148 | 1.01 | 1.09 | 0.134 | 0.085 | 0.107 | 0.033 | 0.044 | 0.049 | 0.152 | 2.80 | 17 |
| 18 | 1.20 B | 0.2108 | 1.11 | 0.901 | 0.138 | 0.081 | 0.078 | 0.028 | 0.049 | 0.050 | 0.148 | 1.89 | 18 |
| 19 | 1.00 B | 0.2058 | 1.35 | 0.776 | 0.135 | 0.072 | 0.072 | 0.025 | 0.045 | 0.051 | 0.138 | 1.80 | 19 |
| 20 | 0.8008 | 0.2008 | 1.45 | 0.678 | 0.128 | 0.070 | 0.055 | 0.024 | 0.045 | 0.052 | 0.1278 | 6.16 A | 20 |
| 21 | 0.7008 | 0.2108 | 1.41 | 0.611 | 0.133 | 0.065 | 0.048 | 0.022 | 0.063 | 0.059 | 0.1178 | 14.8 A | 21 |
| 22 | 0.6408 | 0.2208 | 1.28 | 0.525 | 0.129 | 0.126 | 0.040 | 0.026 | 0.049 | 0.063 | 0.126 | 4.85 | 22 |
| 23 | 0.5808 | 0.2108 | 1.32 | 0.525 | 0.116 | 0.130 | 0.036 | 0.024 | 0.046 | 0.094 | 0.134 | 2.94 | 23 |
| 24 | 0.5308 | 0.2008 | 1.25 | 0.502 | 0.104 | 0.094 | 0.039 | 0.024 | 0.040 | 0.128 | 0.189 | 2.43 | 24 |
| 25 | 0.4908 | 0.1888 | 1.18 | 0.434 | 0.100 | 0.072 | 0.043 | 0.023 | 0.038 | 0.217 | 1.66 | 4.31 | 25 |
| 26 | 0.4508 | 0.2008 | 1.19 | 0.389 | 0.097 | 0.063 | 0.037 | 0.028 | 0.032 | 0.214 | 8.91 | 3.59 | 26 |
| 27 | 0.4208 | 0.2208 | 1.10 | 0.381 | 0.084 | 0.065 | 0.039 | 0.048 | 0.031 | 0.262 | 2.85 | 2.13 | 27 |
| 28 | 0.4008 | 0.3008 | 1.01 | 0.427 | 0.077 | 0.069 | 0.035 | 0.041 | 0.032 | 0.529 | 1.60 | 1.51 | 28 |
| 29 | 0.3808 | | 0.924 | 0.400 | 0.068 | 0.065 | 0.026 | 0.038 | 0.035 | 0.324 | 1.61 | 1.00 B | 29 |
| 30 | 0.3608 | | 3.02 | 0.353 | 0.075 | 0.060 | 0.018 | 0.032 | 0.038 | 0.241 | 2.05 | 0.7808 | 30 |
| 31 | 0.3508 | | 3.76 | | 14.5 | | 0.012 | 0.029 | | 0.184 | | 0.6408 | 31 |
| TOTAL | 25.927 | 7.017 | 98.176 | 63.472 | 19.100 | 13.172 | 3.467 | 1.955 | 1.086 | 3.281 | 23.214 | 75.777 | TOTAL |
| MEAN | 0.836 | 0.251 | 3.17 | 2.12 | 0.616 | 0.439 | 0.112 | 0.063 | 0.036 | 0.106 | 0.774 | 2.44 | MEAN |
| MAX | 2.76 | 0.330 | 16.5 | 12.0 | 14.5 | 3.76 | 1.05 | 0.449 | 0.063 | 0.529 | 8.91 | 14.8 | MAX |
| MIN | 0.350 | 0.188 | 0.882 | 0.353 | 0.068 | 0.060 | 0.012 | 0.011 | 0.021 | 0.038 | 0.117 | 0.801 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.920
MAXIMUM DAILY, 16.5 ON MAR 8
MINIMUM DAILY, 0.011 ON AUG 1
MAXIMUM INSTANTANEOUS
31.8 AT 08:09 EST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION LAT 42 59 40 N
LONG 81 07 00 W
DRAINAGE AREA, 108 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 240 | JUL | 301 |
| FEB | 806 | AUG | 169 |
| MAR | 8 480 | SEP | 93.8 |
| APR | 5 480 | OCT | 283 |
| MAY | 1 650 | NOV | 2 010 |
| JUN | 1 140 | DEC | 6 550 |

TOTAL DISCHARGE, 29 000 dam³

## WELLAND CANAL DIVERSION FROM LAKE ERIE - STATION NO. 02HA015

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 222 | 178 | 172 | 231 | 240 | 214 | 211 | 237 | 224 | 231 | 233 | 232 | 1 |
| 2 | 221 | 179 | 169 | 219 | 226 | 212 | 209 | 223 | 230 | 230 | 238 | 228 | 2 |
| 3 | 221 | 178 | 174 | 228 | 232 | 215 | 212 | 223 | 230 | 237 | 233 | 244 | 3 |
| 4 | 220 | 177 | 178 | 221 | 233 | 216 | 205 | 222 | 232 | 233 | 228 | 242 | 4 |
| 5 | 221 | 178 | 178 | 221 | 239 | 219 | 203 | 126 | 235 | 228 | 219 | 251 | 5 |
| 6 | 224 | 178 | 181 | 228 | 228 | 214 | 219 | 112 | 234 | 234 | 228 | 246 | 6 |
| 7 | 223 | 179 | 177 | 222 | 232 | 211 | 212 | 127 | 204 | 234 | 226 | 158 | 7 |
| 8 | 223 | 179 | 177 | 198 | 241 | 211 | 205 | 136 | 233 | 239 | 228 | 159 | 8 |
| 9 | 224 | 177 | 174 | 208 | 236 | 214 | 193 | 95.7 | 225 | 234 | 247 | 200 | 9 |
| 10 | 222 | 177 | 181 | 231 | 228 | 218 | 214 | 130 | 223 | 238 | 239 | 186 | 10 |
| 11 | 219 | 177 | 180 | 227 | 232 | 215 | 236 | 221 | 233 | 232 | 228 | 180 | 11 |
| 12 | 218 | 178 | 181 | 232 | 221 | 218 | 229 | 228 | 232 | 233 | 236 | 201 | 12 |
| 13 | 223 | 178 | 181 | 234 | 237 | 215 | 229 | 225 | 226 | 232 | 243 | 240 | 13 |
| 14 | 221 | 179 | 180 | 251 | 226 | 217 | 219 | 230 | 226 | 233 | 245 | 242 | 14 |
| 15 | 211 | 179 | 181 | 229 | 212 | 198 | 226 | 238 | 230 | 226 | 226 | 210 | 15 |
| 16 | 217 | 179 | 210 | 234 | 238 | 205 | 230 | 229 | 232 | 231 | 238 | 228 | 16 |
| 17 | 220 | 180 | 222 | 227 | 242 | 194 | 218 | 230 | 229 | 232 | 231 | 237 | 17 |
| 18 | 221 | 180 | 216 | 230 | 234 | 227 | 222 | 225 | 231 | 235 | 223 | 245 | 18 |
| 19 | 220 | 179 | 211 | 207 | 236 | 220 | 221 | 231 | 234 | 233 | 222 | 238 | 19 |
| 20 | 222 | 179 | 207 | 210 | 229 | 229 | 221 | 230 | 234 | 225 | 212 | 226 | 20 |
| 21 | 223 | 180 | 204 | 225 | 240 | 219 | 214 | 233 | 228 | 209 | 232 | 233 | 21 |
| 22 | 220 | 180 | 203 | 224 | 243 | 206 | 235 | 223 | 225 | 191 | 244 | 183 | 22 |
| 23 | 218 | 179 | 205 | 228 | 250 | 213 | 249 | 227 | 234 | 190 | 230 | 234 | 23 |
| 24 | 199 | 180 | 205 | 228 | 243 | 205 | 244 | 231 | 229 | 229 | 226 | 226 | 24 |
| 25 | 226 | 180 | 206 | 231 | 243 | 199 | 227 | 228 | 234 | 230 | 230 | 220 | 25 |
| 26 | 221 | 179 | 210 | 230 | 240 | 223 | 205 | 225 | 233 | 227 | 225 | 220 | 26 |
| 27 | 178 | 180 | 214 | 232 | 237 | 217 | 225 | 218 | 228 | 224 | 238 | 229 | 27 |
| 28 | 172 | 178 | 217 | 226 | 226 | 214 | 229 | 227 | 242 | 220 | 240 | 215 | 28 |
| 29 | 178 |  | 217 | 235 | 194 | 215 | 222 | 234 | 228 | 222 | 230 | 217 | 29 |
| 30 | 179 |  | 219 | 236 | 132 | 212 | 222 | 235 | 231 | 221 | 221 | 218 | 30 |
| 31 | 178 |  | 212 |  | 139 |  | 228 | 228 |  | 222 |  | 226 | 31 |
| TOTAL | 6 805 | 5 004 | 6 045 | 6 773 | 7 032 | 6 405 | 6 835 | 6 424.7 | 6 889 | 7 025 | 6 933 | 6 815 | TOTAL |
| MEAN | 213 | 179 | 195 | 226 | 227 | 214 | 220 | 207 | 230 | 227 | 231 | 220 | MEAN |
| MAX | 226 | 180 | 222 | 251 | 250 | 229 | 249 | 238 | 242 | 239 | 247 | 251 | MAX |
| MIN | 172 | 177 | 169 | 198 | 132 | 194 | 193 | 95.7 | 204 | 190 | 212 | 158 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 218
MAXIMUM DAILY, 251 ON APR 14
MINIMUM DAILY, 95.7 ON AUG 9

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT N
LONG W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 571 000 | JUL | 591 000 |
| FEB | 432 000 | AUG | 555 000 |
| MAR | 522 000 | SEP | 595 000 |
| APR | 585 000 | OCT | 607 000 |
| MAY | 608 000 | NOV | 589 000 |
| JUN | 553 000 | DEC | 589 000 |

TOTAL DISCHARGE, 6 810 000 dam³

DATA CONTRIBUTED BY -
ST. LAWRENCE SEAWAY AUTHORITY

REGULATED

REMARKS - DISCHARGES DO NOT INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

## WELLAND RIVER BELOW CAISTOR CORNERS - STATION NO. 02HA007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.15 | 1.00 B | 5.00 B | 6.15 | 0.616 | 0.100 | 0.199 | 0.319 | 0.783 | 0.266 | 1.07 | 11.1 | 1 |
| 2 | 1.00 | 1.18 B | 17.0 B | 11.9 | 0.807 | 0.108 | 0.203 | 0.320 | 0.810 | 0.251 | 0.936 | 4.86 | 2 |
| 3 | 0.850 | 1.26 | 20.0 B | 14.9 | 0.801 | 0.108 | 0.185 | 0.382 | 0.751 | 0.237 | 0.885 | 2.80 | 3 |
| 4 | 0.814 | 0.915 | 10.0 B | 15.2 | 0.419 | 0.104 | 0.152 | 1.15 | 0.733 | 0.227 | 0.882 | 1.75 | 4 |
| 5 | 0.786 | 0.575 | 5.50 B | 38.1 | 0.224 | 0.100 | 0.148 | 1.38 | 0.611 | 0.221 | 0.939 | 1.24 | 5 |
| 6 | 0.721 | 0.416 | 4.00 B | 40.4 | 0.145 | 0.102 | 0.149 | 0.779 | 0.391 | 0.224 | 0.787 | 0.8018 | 6 |
| 7 | 0.782 | 0.354 | 9.00 B | 37.1 | 0.121 | 0.100 | 0.144 | 0.539 | 0.287 | 0.380 | 0.678 | 0.5958 | 7 |
| 8 | 0.840 | 0.419 | 20.0 B | 20.5 | 0.107 | 0.102 | 0.137 | 0.409 | 0.308 | 0.537 | 0.589 | 0.595 | 8 |
| 9 | 0.867 | 0.3808 | 14.0 | 6.97 | 0.104 | 0.107 | 0.132 | 0.837 | 0.348 | 0.898 | 0.718 | 1.81 | 9 |
| 10 | 1.12 | 0.3608 | 4.83 | 3.82 | 0.098 | 0.098 | 0.145 | 4.71 | 0.380 | 0.689 | 0.740 | 8.71 | 10 |
| 11 | 1.01 | 0.3308 | 2.37 | 2.31 | 0.084 | 0.096 | 0.341 | 8.06 | 0.385 | 0.548 | 0.744 | 4.77 | 11 |
| 12 | 0.914 | 0.3008 | 1.10 | 1.93 | 0.098 | 0.091 | 0.343 | 3.89 | 0.350 | 0.420 | 0.751 | 3.17 | 12 |
| 13 | 0.887 | 0.2758 | 0.883 | 3.21 | 0.100 | 0.085 | 0.239 | 2.30 | 0.300 | 0.380 | 0.712 | 3.44 | 13 |
| 14 | 1.34 | 0.2558 | 0.496 | 2.93 | 0.102 | 0.080 | 0.273 | 1.33 | 0.262 | 0.317 | 0.685 | 2.49 | 14 |
| 15 | 9.31 | 0.2358 | 0.406 | 1.80 | 0.117 | 0.080 | 0.233 | 0.842 | 0.235 | 0.282 | 0.668 | 5.76 | 15 |
| 16 | 18.7 | 0.2228 | 0.352 | 1.31 | 0.105 | 0.079 | 0.201 | 0.601 | 0.222 | 0.510 | 0.645 | 27.6 | 16 |
| 17 | 7.50 B | 0.2108 | 0.293 | 1.06 | 0.087 | 0.081 | 0.278 | 0.456 | 0.231 | 0.757 | 0.650 | 15.6 | 17 |
| 18 | 3.80 B | 0.1908 | 0.268 | 1.03 | 0.101 | 0.083 | 0.259 | 0.354 | 0.492 | 0.758 | 0.761 | 4.21 B | 18 |
| 19 | 2.20 B | 0.145 | 0.249 | 0.962 | 0.100 | 0.091 | 0.208 | 0.330 | 1.87 | 0.750 | 0.784 | 2.38 | 19 |
| 20 | 1.50 B | 0.140 | 0.231 | 0.885 | 0.098 | 0.084 | 0.188 | 0.491 | 2.50 | 0.749 | 0.748 | 7.36 | 20 |
| 21 | 1.00 B | 0.132 | 0.241 | 0.803 | 0.094 | 0.086 | 0.159 | 0.632 | 1.43 | 0.778 | 0.701 | 23.3 | 21 |
| 22 | 0.8008 | 0.133 | 0.250 | 0.745 | 0.096 | 0.148 | 0.378 | 0.655 | 3.83 | 0.904 | 0.603 | 6.82 | 22 |
| 23 | 0.8508 | 0.126 | 0.291 | 0.712 | 0.096 | 0.250 | 0.409 | 0.643 | 4.26 | 1.16 | 0.286 | 3.44 | 23 |
| 24 | 0.8308 | 0.126 | 0.348 | 0.705 | 0.083 | 0.260 | 0.251 | 0.619 | 2.20 | 1.73 | 0.201 | 2.58 | 24 |
| 25 | 0.8108 | 0.140 | 0.429 | 0.684 | 0.084 | 0.223 | 0.246 | 0.533 | 1.08 | 2.87 | 1.66 | 2.91 | 25 |
| 26 | 0.8008 | 0.157 | 0.583 | 0.857 | 0.087 | 0.255 | 0.859 | 0.544 | 0.868 | 3.86 | 23.2 | 4.45 | 26 |
| 27 | 0.7808 | 0.197 | 0.834 | 0.849 | 0.091 | 0.175 | 5.70 | 0.682 | 0.492 | 2.57 | 15.7 | 3.01 | 27 |
| 28 | 0.7808 | 0.285 | 0.877 | 0.847 | 0.080 | 0.185 | 4.07 | 0.693 | 0.373 | 2.54 | 4.58 | 1.68 | 28 |
| 29 | 0.7708 |  | 0.833 | 0.835 | 0.078 | 0.212 | 1.52 | 0.695 | 0.320 | 2.83 | 8.63 | 0.6728 | 29 |
| 30 | 0.8108 |  | 0.973 | 0.815 | 0.081 | 0.183 | 0.795 | 0.677 | 0.304 | 2.04 | 22.2 | 0.6488 | 30 |
| 31 | 0.8808 |  | 6.77 |  | 0.091 |  | 0.476 | 0.684 |  | 1.37 |  | 0.6808 | 31 |
| TOTAL | 85.361 | 10 472 | 128 108 | 221.119 | 5.005 | 3.848 | 20.033 | 36.446 | 27.034 | 31 434 | 93.380 | 181 279 | TOTAL |
| MEAN | 2.11 | 0.374 | 4.13 | 7.37 | 0.161 | 0.128 | 0.646 | 1.18 | 0.901 | 1.01 | 3.11 | 5.20 | MEAN |
| MAX | 18.7 | 1.26 | 20.0 | 40.4 | 0.616 | 0.260 | 5.70 | 8.06 | 4.26 | 3.86 | 23.2 | 27.6 | MAX |
| MIN | 0.721 | 0.126 | 0.231 | 0.615 | 0.078 | 0.078 | 0.132 | 0.319 | 0.222 | 0.221 | 0.201 | 0.595 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.20
MAXIMUM DAILY, 40.4 ON APR 6
MINIMUM DAILY, 0.078 ON MAY 29
MAXIMUM INSTANTANEOUS, 42.7 AT 17:44 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 01 30 N
LONG 79 37 00 W
DRAINAGE AREA, 230 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 650 | JUL | 1 730 |
| FEB | 805 | AUG | 3 150 |
| MAR | 11 100 | SEP | 2 340 |
| APR | 19 100 | OCT | 2 720 |
| MAY | 432 | NOV | 8 070 |
| JUN | 332 | DEC | 13 900 |

TOTAL DISCHARGE, 89 400 dam³

## WELLAND RIVER NEAR MOUNT HOPE - STATION NO 02HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.015 | 0.0048 | 0.1708 | 0.053 | 0.004 | 0.002 | --- | --- | --- | --- | --- | --- | 1 |
| 2 | 0.018 | 0.0048 | 0.1408 | 0.059 | 0.003 | 0.002 | --- | --- | --- | --- | --- | --- | 2 |
| 3 | 0.013 | 0.0048 | 0.0338 | 0.072 | 0.004 | 0.002 | --- | --- | --- | --- | --- | --- | 3 |
| 4 | 0.010 | 0.0048 | 0.0238 | 0.234 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | 4 |
| 5 | 0.008 | 0.0038 | 0.0278 | 0.844 | 0.003 | 0.002 | --- | --- | --- | --- | --- | --- | 5 |
| 6 | 0.006 | 0.0048 | 0.131 | 0.438 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | 6 |
| 7 | 0.014 | 0.0058 | 0.224 | 0.193 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | 7 |
| 8 | 0.012 | 0.0068 | 0.128 | 0.052 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | 8 |
| 9 | 0.009 | 0.0058 | 0.058 | 0.035 | 0.003 | 0.002 | --- | --- | --- | --- | --- | --- | 9 |
| 10 | 0.0098 | 0.0058 | 0.0118 | 0.024 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | 10 |
| 11 | 0.0088 | 0.0048 | 0.0088 | 0.019 | 0.002 | 0.001 | --- | --- | --- | --- | --- | --- | 11 |
| 12 | 0.007 | 0.0048 | 0.010 | 0.038 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | 12 |
| 13 | 0.007 | 0.0048 | 0.008 | 0.045 | 0.003 | 0.001 | --- | --- | --- | --- | --- | --- | 13 |
| 14 | 0.015 | 0.0038 | 0.007 | 0.026 | 0.005 | 0.001 | --- | --- | --- | --- | --- | --- | 14 |
| 15 | 0.106 | 0.0028 | 0.007 | 0.025 | 0.009 | 0.001 | --- | --- | --- | --- | --- | --- | 15 |
| 16 | 0.044 | 0.0028 | 0.006 | 0.028 | 0.003 | 0.001A | --- | --- | --- | --- | --- | --- | 16 |
| 17 | 0.015 | 0.0028 | 0.006 | 0.021 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | 0.0088 | 0.0028 | 0.005 | 0.018 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | 0.0078 | 0.0028 | 0.006 | 0.013 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | 0.0068 | 0.0028 | 0.006 | 0.012 | 0.003 | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | 0.0068 | 0.0028 | 0.006 | 0.010 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | 0.0058 | 0.0028 | 0.006 | 0.008 | 0.005 | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | 0.0048 | 0.0038 | 0.006 | 0.007 | 0.004 | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | 0.0048 | 0.0038 | 0.007 | 0.009 | 0.003 | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | 0.0038 | 0.0038 | 0.014 | 0.006 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | 0.0028 | 0.0048 | 0.028 | 0.005 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | 0.0028 | 0.0088 | 0.015 | 0.006 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | 0.0038 | 0.0068 | 0.014 | 0.008 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | 0.0038 | | 0.012 | 0.007 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | 0.0038 | | 0.057 | 0.004 | 0.002 | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | 0.0038 | | 0.078 | | 0.002 | | --- | --- | | --- | --- | --- | 31 |
| TOTAL | 0.377 | 0.103 | 1.253 | 2.419 | 0.087 | --- | --- | --- | --- | --- | --- | --- | TOTAL |
| MEAN | 0.012 | 0.004 | 0.040 | 0.081 | 0.003 | --- | --- | --- | --- | --- | --- | --- | MEAN |
| MAX | 0.106 | 0.008 | 0.224 | 0.844 | 0.009 | --- | --- | --- | --- | --- | --- | --- | MAX |
| MIN | 0.002 | 0.002 | 0.006 | 0.004 | 0.002 | --- | --- | --- | --- | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.844 ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 10 14 N
LONG 79 58 51 W
DRAINAGE AREA, 3.08 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 32.6 | JUL | --- |
| FEB | 8.90 | AUG | --- |
| MAR | 108 | SEP | --- |
| APR | 209 | OCT | --- |
| MAY | 8.38 | NOV | --- |
| JUN | --- | DEC | --- |

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. DISCONTINUED JUN 16 1987

## WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO 02LB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 5.80 | 0.626 | 0.526 | 0.289 | 0.235 | --- | --- | --- | --- | 1 |
| 2 | --- | --- | --- | 3.27 | 0.464 | 0.414 | 0.181 | 0.195 | --- | --- | --- | --- | 2 |
| 3 | --- | --- | --- | 2.52 | 0.387 | 0.387 | 0.173 | 0.218 | --- | --- | --- | --- | 3 |
| 4 | --- | --- | --- | 3.60 | 0.323 | 0.440 | 1.55 | 0.210 | --- | --- | --- | --- | 4 |
| 5 | --- | --- | --- | 10.7 | 0.285 | 0.494 | 1.09 | 0.185 | --- | --- | --- | --- | 5 |
| 6 | --- | --- | --- | 5.43 | 0.277 | 0.430 | 0.550 | 0.132 | --- | --- | --- | --- | 6 |
| 7 | --- | --- | --- | 4.27 | 0.256 | 0.344 | 0.397 | 0.120 | --- | --- | --- | --- | 7 |
| 8 | --- | --- | --- | 3.83 | 0.244 | 0.648 | 0.342 | 0.099 | --- | --- | --- | --- | 8 |
| 9 | --- | --- | --- | 2.88 | 0.231 | 3.98 | 0.306 | 0.093 | --- | --- | --- | --- | 9 |
| 10 | --- | --- | --- | 2.00 | 0.237 | 4.49 | 0.309 | 0.094 | --- | --- | --- | --- | 10 |
| 11 | --- | --- | --- | 1.48 | 0.241 | 1.80 | 0.217 | 0.087 | --- | --- | --- | --- | 11 |
| 12 | --- | --- | --- | 1.21 | 0.386 | 1.16 | 0.204 | 0.087 | --- | --- | --- | --- | 12 |
| 13 | --- | --- | --- | 0.949 | 0.308 | 1.21 | 0.183 | 0.087 | --- | --- | --- | --- | 13 |
| 14 | --- | --- | --- | 0.798 | 0.288 | 0.831 | 0.238 | 0.109 | --- | --- | --- | --- | 14 |
| 15 | --- | --- | --- | 0.716 | 0.386 | 0.588 | 0.467 | 0.128 | --- | --- | --- | --- | 15 |
| 16 | --- | --- | --- | 0.844 | 0.468 | 0.432 | 0.332 | 0.145 | --- | --- | --- | --- | 16 |
| 17 | --- | --- | --- | 0.570 | 0.367 | 0.355 | 0.203 | 0.110 | --- | --- | --- | --- | 17 |
| 18 | --- | --- | 1.858 | 0.524 | 0.351 | 0.279 | 0.384 | 0.089 | --- | --- | --- | --- | 18 |
| 19 | --- | --- | 1.688 | 0.510 | 0.311 | 0.245 | 1.25 | 0.083 | --- | --- | --- | --- | 19 |
| 20 | --- | --- | 1.748 | 0.452 | 0.281 | 0.262 | 0.654 | 0.082 | --- | --- | --- | --- | 20 |
| 21 | --- | --- | 1.908 | 0.416 | 0.241 | 0.239 | 0.568 | 0.092 | --- | --- | --- | --- | 21 |
| 22 | --- | --- | 2.558 | 0.380 | 0.243 | 0.236 | 0.570 | 0.068 | --- | --- | --- | --- | 22 |
| 23 | --- | --- | 9.208 | 0.350 | 0.301 | 0.170 | 0.329 | 0.044 | --- | --- | --- | --- | 23 |
| 24 | --- | --- | 15.4 B | 0.501 | 0.614 | 0.147 | 2.40 | 0.047 | --- | --- | --- | --- | 24 |
| 25 | --- | 0.1888 | 21.5 B | 0.508 | 0.505 | 0.108 | 3.40 | 0.047 | --- | --- | --- | --- | 25 |
| 26 | --- | --- | 25.0 B | 0.437 | 0.377 | 0.114 | 6.88 | 0.038 | --- | --- | --- | --- | 26 |
| 27 | --- | --- | 17.5 B | 0.367 | 0.341 | 0.128 | 4.02 | --- | --- | --- | --- | --- | 27 |
| 28 | --- | --- | 11.8 B | 0.331 | 0.391A | 0.240 | 1.01 | --- | --- | --- | --- | --- | 28 |
| 29 | --- | | 9.598 | 0.407 | 0.450E | 0.273 | 0.557 | --- | --- | --- | --- | --- | 29 |
| 30 | --- | | 8.44 | 0.641 | 0.552E | 0.436 | 0.386 | --- | --- | --- | --- | --- | 30 |
| 31 | --- | | 9.16 | | 0.485E | | 0.288 | --- | | --- | --- | --- | 31 |
| TOTAL | --- | --- | --- | 57.649 | 11.139 | 21.384 | 29.496 | --- | --- | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | 1.92 | 0.359 | 0.713 | 0.951 | --- | --- | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | 10.7 | 0.626 | 4.49 | 6.88 | --- | --- | --- | --- | --- | MAX |
| MIN | --- | --- | --- | 0.331 | 0.231 | 0.108 | 0.183 | --- | --- | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 25.08 ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 33 N
LONG 74 55 51 W
DRAINAGE AREA, 99.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 2 550 |
| FEB | --- | AUG | --- |
| MAR | --- | SEP | --- |
| APR | 4 980 | OCT | --- |
| MAY | 953 | NOV | --- |
| JUN | 1 850 | DEC | --- |

REMARKS - SEASONAL OPERATION (MAR-JUN)

## WEST DUFFINS CREEK AT GREEN RIVER - STATION NO. 02HC026

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.14 E | 0.580E | 3.57E | 1.82 E | 0.797E | 1.05 E | 0.504 | 0.418 | 0.471 | 0.518 | 0.561 | 1.69 | 1 |
| 2 | 1.07 E | 0.620E | 10.5 E | 2.30 E | 0.770E | 0.800E | 0.472 | 0.886 | 0.405 | 0.503 | 0.556 | 1.12 | 2 |
| 3 | 1.03 E | 1.00 E | 7.66E | 3.50 E | 0.750E | 0.700E | 0.498 | 1.07 | 0.395 | 0.480 | 0.828 | 0.886 | 3 |
| 4 | 0.990E | 0.680E | 5.29E | 5.20 E | 0.730E | 0.655E | 0.586 | 0.841 | 0.376 | 0.475 | 0.916 | 0.831 | 4 |
| 5 | 0.950E | 0.580E | 3.77E | 8.78 E | 0.690E | 0.640E | 0.504 | 0.542 | 0.393 | 0.463 | 0.714 | 0.753 | 5 |
| 6 | 0.900E | 0.570E | 3.84E | 3.30 E | 0.685E | 0.630E | 0.465 | 0.499 | 0.397 | 0.452 | 0.647 | 0.6958 | 6 |
| 7 | 0.985E | 0.565E | 6.08E | 2.00 E | 0.670E | 0.700E | 0.513 | 0.485 | 0.379 | 0.492 | 0.684 | 0.6838 | 7 |
| 8 | 0.900E | 0.940E | 11.8 E | 1.30 E | 0.650E | 0.800E | 0.563 | 0.480 | 0.415 | 0.780 | 1.19 | 0.7168 | 8 |
| 9 | 0.821E | 0.630E | 5.03E | 1.20 E | 0.640E | 0.700E | 1.37 | 0.797 | 0.479 | 0.525 | 1.56 | 1.13 | 9 |
| 10 | 0.840E | 0.575E | 1.40E | 1.12 E | 0.620E | 0.660E | 0.741 | 0.988 | 0.440 | 0.496 | 0.8788 | 1.80 | 10 |
| 11 | 0.820E | 0.550E | 1.17E | 1.08 E | 0.622E | 0.600E | 0.612 | 0.636 | 0.407 | 0.475 | 0.7588 | 1.12 | 11 |
| 12 | 0.840E | 0.540E | 1.10E | 1.40 E | 0.637E | 0.760E | 0.513 | 0.552 | 0.468 | 0.476 | 0.781 | 1.17 | 12 |
| 13 | 0.830E | 0.527E | 1.08E | 1.78 E | 0.620E | 0.670E | 0.590 | 0.525 | 0.417 | 0.480 | 0.767 | 1.14 | 13 |
| 14 | 0.900E | 0.525E | 1.05E | 1.18 E | 0.750E | 0.610E | 1.32 | 0.503 | 0.488 | 0.445 | 0.764 | 0.885 | 14 |
| 15 | 1.03 E | 0.520E | 1.07E | 1.30 E | 0.900E | 0.577A | 1.08 | 0.505 | 0.390 | 0.451 | 0.682 | 0.954 | 15 |
| 16 | 0.950E | 0.518E | 1.15E | 1.08 E | 0.720E | 0.580E | 0.854 | 0.545 | 0.406 | 0.454 | 0.620 | 1.29 | 16 |
| 17 | 0.850E | 0.518E | 1.32E | 1.02 E | 0.670E | 0.550E | 0.566 | 0.605 | 0.445 | 0.533 | 0.627 | 0.9618 | 17 |
| 18 | 0.790E | 0.517E | 1.70E | 0.980E | 0.600E | 0.530E | 0.503 | 0.559 | 0.628 | 0.508 | 0.948 | 0.8898 | 18 |
| 19 | 0.760E | 0.517E | 1.76E | 0.930E | 0.550E | 0.525E | 0.474 | 0.528 | 0.566 | 0.536 | 0.738 | 0.9008 | 19 |
| 20 | 0.740E | 0.517E | 1.78E | 0.890E | 0.530E | 0.520E | 1.03 E | 0.485 | 0.833 | 0.491 | 0.735 | 2.11 | 20 |
| 21 | 0.720E | 0.517E | 1.88E | 0.860E | 0.540E | 0.500E | 0.647 | 0.465 | 0.968 | 0.488 | 0.5648 | 3.48 | 21 |
| 22 | 0.700E | 0.517E | 2.03E | 0.855E | 0.555E | 1.92 A | 0.513 | 0.482 | 0.803 | 0.482 | 0.5738 | 1.93 | 22 |
| 23 | 0.685E | 0.517E | 1.93E | 0.862E | 0.950E | 1.14 | 0.470 | 0.456 | 0.587 | 0.779 | 0.6148 | 1.37 | 23 |
| 24 | 0.670E | 0.517E | 1.82E | 0.820E | 0.740E | 0.607 | 0.456 | 0.437 | 0.506 | 0.711 | 0.687 | 1.17 | 24 |
| 25 | 0.650E | 0.517E | 1.76E | 0.800E | 0.620E | 0.505 | 0.468 | 0.426 | 0.479 | 1.00 | 0.804 | 3.02 | 25 |
| 26 | 0.640E | 0.517E | 2.00E | 0.798E | 0.780E | 0.617 | 0.476 | 0.422 | 0.463 | 0.851 | 1.56 | 2.50 | 26 |
| 27 | 0.625E | 0.517E | 1.60E | 0.800E | 1.05 E | 0.692 | 0.414 | 0.410 | 0.450 | 0.711 | 1.08 | 1.09 E | 27 |
| 28 | 0.613E | 1.00 E | 1.45E | 1.04 E | 1.55 E | 0.846 | 0.415 | 0.407 | 0.526 | 0.806 | 0.894 | 0.8948 | 28 |
| 29 | 0.600E | | 1.35E | 0.860E | 1.35 E | 0.589 | 0.407 | 0.476 | 0.469 | 0.654 | 3.63 | 0.8888 | 29 |
| 30 | 0.590E | | 1.80E | 0.820E | 1.10 E | 0.559 | 0.452 | 0.429 | 0.523 | 0.595 | 3.25 | 0.8588 | 30 |
| 31 | 0.588E | | 2.53E | | 1.45 E | | 0.443 | 0.447 | | 0.578 | | 0.8528 | 31 |
| TOTAL | 25.214 | 16.609 | 92.31 | 48.775 | 34.266 | 21.212 | 18.819 | 17.109 | 14.982 | 17.589 | 29.841 | 39.632 | TOTAL |
| MEAN | 0.813 | 0.593 | 2.98 | 1.63 | 0.783 | 0.707 | 0.607 | 0.552 | 0.499 | 0.567 | 0.988 | 1.28 | MEAN |
| MAX | 1.14 | 1.00 | 11.8 | 8.78 | 1.55 | 1.92 | 1.37 | 1.07 | 0.968 | 1.00 | 3.63 | 3.48 | MAX |
| MIN | 0.585 | 0.517 | 1.05 | 0.798 | 0.530 | 0.500 | 0.407 | 0.407 | 0.376 | 0.445 | 0.556 | 0.885 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.00
MAXIMUM DAILY, 11.88 ON MAR 8
MINIMUM DAILY, 0.376 ON SEP 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 08 N
LONG 79 11 05 W
DRAINAGE AREA, 98.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 180 | JUL | 1 630 |
| FEB | 1 440 | AUG | 1 480 |
| MAR | 7 980 | SEP | 1 290 |
| APR | 4 210 | OCT | 1 520 |
| MAY | 3 100 | NOV | 2 580 |
| JUN | 1 830 | DEC | 3 420 |

TOTAL DISCHARGE, 31 800 dam³

## WEST HUMBER RIVER AT HIGHWAY NO. 7 - STATION NO. 02HC031

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.27 | 0.270B | 0.500B | 3.05 | 0.179 | 0.077 | 0.005 | 0.007 | 0.024 | 0.072 | 0.137 | 3.05 | 1 |
| 2 | 1.19 | 0.260B | 3.00 B | 4.99 | 0.172 | 0.084 | 0.006 | 0.118E | 0.019 | 0.069 | 0.114 | 1.60 | 2 |
| 3 | 1.01 B | 0.270B | 2.50 B | 5.25 | 0.156 | 0.048 | 0.084 | 0.056E | 0.013 | 0.080 | 0.131 | 0.940 | 3 |
| 4 | 0.812B | 0.260B | 1.80 B | 5.83 | 0.142 | 0.040 | 0.078 | 0.047 | 0.019 | 0.056 | 0.146 | 0.695 | 4 |
| 5 | 0.766B | 0.265B | 1.35 B | 34.2 | 0.119 | 0.037 | 0.085 | 0.028 | B 027 | 0.060 | 0.120 | 0.548 | 5 |
| 6 | 0.686 | 0.260B | 2.50 B | 14.0 | 0.097 | 0.032 | 0.052 | 0.020 | 0.024 | 0.080 | 0.102 | 0.461 | 6 |
| 7 | 0.639 | 0.255B | 11.0 B | 7.78 | 0.080 | 0.042 | 0.121 | 0.011 | 0.026 | 0.107 | 0.094 | 0.432 | 7 |
| 8 | 0.594 | 0.250B | 27.5 B | 2.38 | 0.075 | 0.056 | 0.228 | 0.010 | 0.052 | 0.092 | 0.123 | 0.411 | 8 |
| 9 | 0.552 | 0.300B | 16.8 | 1.41 | 0.067 | 0.054 | 0.181 | 0.189 | 0.039 | 0.084 | 0.119 | 1.07 | 9 |
| 10 | 0.541 | 0.285B | 4.69 | 1.05 | 0.096 | 0.037 | 0.122 | 0.073 | 0.031 | 0.082 | 0.158 | 2.56 | 10 |
| 11 | 0.551 | 0.275B | 3.25 | 0.800 | 0.085 | 0.026 | 0.114 | 0.080 | 0.032 | 0.083 | 0.107 | 1.48 | 11 |
| 12 | 0.558 | 0.260B | 1.87 | 0.815 | 0.076 | 0.032 | 0.078 | 0.036 | 0.040 | 0.085 | 0.087 | 1.21 | 12 |
| 13 | 0.544 | 0.250B | 1.58 | 1.48 | 0.066 | 0.036 | 0.083 | 0.022 | 0.089 | 0.077 | 0.087 | 1.28 | 13 |
| 14 | 0.601 | 0.245B | 1.38 | 1.07 | 0.130 | 0.032 | 0.352 | 0.012 | 0.081 | 0.078 | 0.082 | 0.889 | 14 |
| 15 | 0.610 | 0.240B | 1.28 | 1.01 | 0.119 | 0.031 | 0.452 | 0.010 | 0.037 | 0.085 | 0.068 | 0.802 | 15 |
| 16 | 0.9538 | 0.235B | 1.47 | 0.902 | 0.112 | 0.032 | 0.170 | 0.083 | 0.034 | 0.080 | 0.058 | 0.979 | 16 |
| 17 | 0.6568 | 0.232B | 1.38 | 0.889 | 0.090 | 0.018 | 0.088 | 0.105 | 0.089 | 0.103 | 0.256 | 0.980 | 17 |
| 18 | 0.417 | 0.230B | 1.42 | 0.586 | 0.130 | 0.013 | 0.059 | 0.076 | 0.196 | 0.102 | 0.380 | 0.896 | 18 |
| 19 | 0.265 | 0.225B | 1.85 | 0.481 | 0.182 | 0.010 | 0.101 | 0.043 | 0.175 | 0.090 | 0.292 | 0.683 | 19 |
| 20 | 0.239 | 0.222B | 2.15 | 0.433 | 0.169 | 0.010 | 0.868E | 0.027 | 0.142 | 0.084 | 0.187 | 5.16 | 20 |
| 21 | 0.300 | 0.220B | 2.18 | 0.378 | 0.178 | 0.004 | 0.317 | 0.018 | 0.293 | 0.085 | 0.087 | 10.6 | 21 |
| 22 | 0.315 | 0.218B | 2.38 | 0.328 | 0.183 | 0.180 | 0.126 | 0.014 | 0.277 | 0.106 | 0.067 | 4.51 | 22 |
| 23 | 0.337 | 0.216B | 2.43 | 0.333 | 0.140 | 0.088 | 0.077 | 0.011 | 0.303 | 0.169 | 0.065 | 2.32 | 23 |
| 24 | 0.337 | 0.213B | 2.17 | 0.288 | 0.123 | 0.049 | 0.012 | 0.012 | 0.177 | 0.273 | 0.078 | 1.71 | 24 |
| 25 | 0.3308 | 0.210B | 1.98 | 0.258 | 0.110 | 0.035 | 0.039 | 0.012 | 0.082 | 0.270 | 0.874 | 9.01 | 25 |
| 26 | 0.320B | 0.208B | 4.22 | 0.226 | 0.143 | 0.059 | 0.039 | 0.010 | 0.049 | 0.311 | 3.20 | 6.75 | 26 |
| 27 | 0.305B | 0.206B | 2.76 | 0.260 | 0.132 | 0.018 | 0.068 | 0.010 | 0.108 | 0.384 | 1.83 | 2.40 | 27 |
| 28 | 0.300B | 0.207B | 2.21 | 0.256 | 0.135 | 0.016 | 0.028 | 0.014 | 0.158 | 0.441 | 0.880 | 1.35 | 28 |
| 29 | 0.290B | | 1.79 | 0.211 | 0.088 | 0.018 | 0.019 | 0.030 | 0.114 | 0.359 | 8.52 | 0.8398 | 29 |
| 30 | 0.280B | | 5.22 | 0.204 | 0.064 | 0.012 | 0.027 | 0.021 | 0.080 | 0.209 | 7.59 | 0.553 | 30 |
| 31 | 0.275B | | 4.94 | | 0.047 | | 0.011 | 0.032 | | 0.168 | | 0.918 | 31 |
| TOTAL | 17.023 | 6.810 | 121.840 | 91.899 | 3.865 | 1.228 | 4.126 | 1.235 | 2.840 | 4.385 | 27.100 | 86.686 | TOTAL |
| MEAN | 0.549 | 0.243 | 3.92 | 3.06 | 0.118 | 0.041 | 0.133 | 0.040 | 0.095 | 0.141 | 0.903 | 2.15 | MEAN |
| MAX | 1.27 | 0.300 | 27.5 | 34.2 | 0.183 | 0.180 | 0.868 | 0.189 | 0.303 | 0.441 | 8.52 | 10.6 | MAX |
| MIN | 0.239 | 0.207 | 0.500 | 0.204 | 0.047 | 0.004 | 0.005 | 0.007 | 0.013 | 0.056 | 0.058 | 0.411 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.955
MAXIMUM DAILY, 34.2 ON APR 5
MINIMUM DAILY, 0.004 ON JUN 21
MAXIMUM INSTANTANEOUS
47.2 AT 08 55 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 30 N
LONG 79 40 41 W
DRAINAGE AREA, 148 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 470 | JUL | 356 |
| FEB | 588 | AUG | 107 |
| MAR | 10 500 | SEP | 245 |
| APR | 7 940 | OCT | 379 |
| MAY | 317 | NOV | 2 340 |
| JUN | 106 | DEC | 5 760 |

TOTAL DISCHARGE, 30 100 dam³

## WEST MONTREAL RIVER AT MISTINIKON LAKE DAM - STATION NO 02JD012

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.7 | 10.0 | 19.6 | 21.6 | 30.9 | 19.1 | 8.80 | 16.2 | 3.20 | 3.50 | 10.3 | 13.2 | 1 |
| 2 | 12.2 | 15.7 | 18.1 | 22.4 | 31.5 | 19.1 | 8.80 | 15.3 | 3.20 | 4.70 | 9.90 | 13.7 | 2 |
| 3 | 12.2 | 22.6 | 17.3 | 22.6 | 32.2 | 18.6 | 9.60 | 14.4 | 3.00 | 5.20 | 9.90 | 14.9 | 3 |
| 4 | 11.7 | 19.9 | 16.6 | 23.2 | 33.4 | 19.1 | 10.0 | 14.0 | 3.00 | 7.80 | 9.50 | 25.0 | 4 |
| 5 | 11.7 | 17.3 | 22.4 | 23.7 | 31.5 | 12.9 | 10.4 | 13.1 | 2.80 | 9.20 | 6.20 | 22.5 | 5 |
| 6 | 13.2 | 16.2 | 30.2 | 24.3 | 31.5 | 11.5 E | 11.3 | 12.7 | 2.80 | 10.3 | 1.00 | 20.2 | 6 |
| 7 | 20.1 | 15.2 | 28.5 | 25.1 | 30.3 | 10.2 E | 11.3 | 11.5 | 2.50 | 11.1 | 2.10 | 17.9 | 7 |
| 8 | 18.6 | 14.3 | 26.5 | 26.0 | 28.4 | 8.80 | 11.3 | 10.3 | 2.50 | 12.3 | 3.70 | 17.0 | 8 |
| 9 | 16.7 | 13.0 | 24.6 | 27.1 | 26.5 | 9.20 | 11.3 | 9.20 | 2.80 | 12.7 | 5.50 | 16.2 | 9 |
| 10 | 14.8 | 12.1 | 23.2 | 29.1 | 25.3 | 11.7 | 11.3 | 8.80 | 2.80 | 13.1 | 6.80 | 15.0 | 10 |
| 11 | 13.6 | 11.5 | 21.8 | 30.8 | 15.6 | 11.7 | 11.7 | 8.10 | 3.00 | 14.0 | 7.30 | 15.0 | 11 |
| 12 | 12.4 | 17.9 | 20.5 | 32.5 | 6.20 | 15.3 | 11.7 | 7.80 | 3.20 | 14.8 | 8.00 | 14.5 | 12 |
| 13 | 11.6 | 24.8 | 19.7 | 34.6 | 8.30 | 17.7 | 11.7 | 7.60 | 3.50 | 15.3 | 8.40 | 14.2 | 13 |
| 14 | 11.3 | 22.2 | 18.9 | 15.0 | 10.6 | 17.2 | 15.9 | 7.50 | 3.70 | 14.8 | 8.80 | 13.6 | 14 |
| 15 | 10.9 | 19.4 | 18.1 | 1.50 | 11.8 | 16.7 | 18.0 | 8.80 | 3.70 | 14.4 | 9.20 | 13.6 | 15 |
| 16 | 10.9 | 17.0 | 17.3 | 0 | 12.6 | 15.2 | 16.6 | 8.80 | 3.70 | 14.4 | 9.60 | 13.4 | 16 |
| 17 | 10.5 | 15.3 | 16.6 | 0 | 13.6 | 15.2 | 15.2 | 8.20 | 3.70 | 14.0 | 9.60 | 13.4 | 17 |
| 18 | 10.2 | 13.9 | 16.6 | 0 | 14.7 | 14.7 | 14.8 | 8.90 | 3.70 | 13.5 | 9.60 | 13.4 | 18 |
| 19 | 11.7 | 12.7 | 18.3 | 0 | 15.8 | 14.2 | 14.8 | 8.30 | 3.70 | 13.1 | 9.60 | 13.4 | 19 |
| 20 | 12.9 | 12.0 | 16.3 | 0 | 15.8 | 13.3 | 14.8 | 8.00 | 3.70 | 13.1 | 9.60 | 13.4 | 20 |
| 21 | 18.1 | 11.3 | 15.0 | 0 | 16.3 | 12.4 | 15.2 | 8.00 | 3.70 | 12.7 | 9.60 | 13.1 | 21 |
| 22 | 16.9 | 10.4 | 15.7 | 0 | 16.3 | 8.80 | 15.7 | 4.70 | 3.70 | 12.3 | 9.20 | 13.1 | 22 |
| 23 | 15.8 | 9.90 | 15.5 | 0 | 16.3 | 8.10 | 25.5 | 4.70 | 3.70 | 11.9 | 9.20 | 12.7 | 23 |
| 24 | 14.3 | 9.70 | 15.7 | 3.20 | 16.3 | 8.10 | 31.6 | 4.50 | 3.70 | 11.5 | 9.60 | 12.7 | 24 |
| 25 | 13.1 | 17.6 | 16.3 | 8.00 | 16.3 | 8.40 | 26.5 | 4.50 | 3.60 | 11.1 | 10.0 | 12.3 | 25 |
| 26 | 12.1 | 24.3 | 15.5 | 14.3 | 16.3 | 7.10 | 25.4 | 4.20 | 3.20 | 11.1 | 10.0 | 12.3 | 26 |
| 27 | 11.8 | 22.5 | 14.7 | 21.0 | 16.9 | 7.70 | 22.8 | 3.80 | 3.20 | 10.7 | 10.9 | 12.0 | 27 |
| 28 | 11.2 | 21.0 | 17.3 | 22.2 | 16.9 | 8.50 | 23.9 | 3.70 | 3.00 | 10.7 | 11.8 | 12.0 | 28 |
| 29 | 10.9 | | 17.8 | 27.8 | 17.4 | 8.80 | 20.9 | 3.70 | 3.20 | 10.3 | 12.3 | 11.7 | 29 |
| 30 | 10.6 | | 18.3 | 29.0 | 18.0 | 8.80 | 19.0 | 3.50 | 3.50 | 10.3 | 13.2 | 11.3 | 30 |
| 31 | 10.3 | | 18.6 | | 17.1 | | 3.50 | | | 10.3 | | 11.3 | 31 |
| TOTAL | 404.8 | 450.00 | 593.6 | 486.80 | 612.10 | 372.90 | 495.00 | 238.00 | 98.60 | 354.20 | 280.20 | 450.4 | TOTAL |
| MEAN | 13.1 | 16.1 | 19.1 | 16.2 | 19.7 | 12.4 | 16.0 | 7.68 | 3.28 | 11.4 | 8.67 | 14.5 | MEAN |
| MAX | 20.1 | 24.8 | 30.2 | 34.6 | 33.4 | 19.1 | 31.6 | 16.2 | 3.70 | 15.3 | 13.2 | 25.0 | MAX |
| MIN | 10.3 | 9.70 | 15.5 | 0 | 6.20 | 8.10 | 8.80 | 3.50 | 2.50 | 3.50 | 1.00 | 11.3 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.2
MAXIMUM DAILY, 34.6 ON APR 13
MINIMUM DAILY, 0 ON APR 15

DATA CONTRIBUTED BY -
ONTARIO HYDRO

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 02 25 N
LONG 80 43 14 W
DRAINAGE AREA, 1 780 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 35 000 | JUL | 42 800 |
| FEB | 38 800 | AUG | 20 800 |
| MAR | 51 300 | SEP | 8 520 |
| APR | 42 000 | OCT | 30 600 |
| MAY | 52 900 | NOV | 22 500 |
| JUN | 32 200 | DEC | 38 900 |

TOTAL DISCHARGE, 415 000 dam³

## WHITE RIVER BELOW WHITE LAKE - STATION NO 02BC004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 31.5E | 21.6 | 17.6 | 19.3 | 74.9 | 19.1 | 22.2 | 95.2 | 41.2 | 23.4 | 85.9 | 71.4 | 1 |
| 2 | 31.0E | 21.6 | 17.3 | 19.6 | 74.3 | 17.3 | 21.7 | 58.8 | 40.1 | 27.1 | 81.8 | 70.8 | 2 |
| 3 | 30.6E | 21.3 | 17.2 | 19.7 | 73.6 | 21.8 | 23.3 | 56.7 | 37.6 | 21.8 | 59.3 | 69.9 | 3 |
| 4 | 30.2E | 21.1 | 17.1 | 18.9 | 72.2 | 25.2 | 22.0 | 60.3 | 34.8 | 21.2 | 56.1 | 68.8 | 4 |
| 5 | 29.9E | 20.7 | 17.1 | 20.2 | 70.5 | 29.4 | 20.7 | 59.1 | 35.8 | 21.8 | 54.4 | 67.8 | 5 |
| 6 | 29.5E | 21.0 | 16.6 | 20.4 | 70.5 | 31.6 | 20.6 | 57.9 | 36.3 | 23.8 | 51.3 | 66.1 | 6 |
| 7 | 29.0E | 21.0 | 17.0E | 20.8 | 68.5 | 34.4 | 20.1 | 60.2 | 36.2 | 23.9 | 48.9 | 64.9 | 7 |
| 8 | 28.7E | 21.0 | 16.9E | 21.0 | 66.4 | 37.8 | 19.4 | 59.4 | 35.5 | 21.9 | 48.2 | 63.5 | 8 |
| 9 | 28.3E | 20.8 | 16.8E | 21.6 | 86.0 | 36.3 | 20.9 | 58.5 | 34.7 | 23.2 | 46.7 | 62.6 | 9 |
| 10 | 27.9E | 20.7 | 16.7E | 22.8 | 84.5 | 35.6 | 23.1 | 56.8 | 33.1 | 21.8 | 43.9 | 61.7 | 10 |
| 11 | 27.6E | 20.5 | 16.8E | 24.7 | 83.0 | 36.5 | 23.7 | 54.5 | 32.4 | 22.0 | 41.7 | 60.6 | 11 |
| 12 | 27.2E | 20.2 | 16.7 | 26.9 | 81.0 | 38.2 | 26.9 | 52.7 | 32.3 | 22.4 | 40.8 | 59.6 | 12 |
| 13 | 26.9E | 20.2 | 16.5 | 29.8 | 57.9 | 38.6 | 29.9 | 53.9 | 32.6 | 21.8 | 39.7 | 58.8 | 13 |
| 14 | 26.6E | 20.2 | 16.5 | 33.8 | 58.3 | 38.0 | 31.4 | 52.7 | 31.2 | 22.2 | 38.9 | 58.7 | 14 |
| 15 | 26.3E | 20.0 | 16.5 | 38.7 | 56.8 | 36.8 | 32.4 | 51.4 | 30.4 | 23.2 | 37.3 | 58.2 | 15 |
| 16 | 26.0E | 19.8 | 16.3 | 44.6 | 55.6 | 35.7 | 32.5 | 50.5 | 30.7 | 23.9 | 36.2 | 57.0 | 16 |
| 17 | 25.7E | 19.5 | 16.2 | 50.4 | 55.0 | 35.2 | 35.2 | 51.2 | 30.8 | 25.2 | 41.0 | 55.3 | 17 |
| 18 | 25.4E | 19.3 | 16.1 | 57.3 | 53.8 | 33.8 | 41.0 | 51.9 | 29.5 | 24.3 | 42.4 | 53.8 | 18 |
| 19 | 25.1E | 19.1 | 16.1 | 63.6 | 51.9 | 35.1 | 41.7 | 51.6 | 29.1 | 25.1 | 44.4 | 53.2 | 19 |
| 20 | 24.8E | 18.8 | 16.0 | 69.4 | 50.7 | 33.2 | 43.0 | 50.1 | 28.7 | 26.5 | 51.5 | 52.9 | 20 |
| 21 | 24.5E | 18.7 | 15.9 | 77.7 | 49.6 | 31.8 | 44.9 | 48.5 | 28.0 | 27.2 | 57.1 | 52.0 | 21 |
| 22 | 24.5 | 18.6 | 15.7 | 82.1 | 50.6 | 30.8 | 47.3 | 50.3 | 26.2 | 27.1 | 61.9 | 51.1 | 22 |
| 23 | 24.0 | 18.5 | 15.8 | 75.8 | 49.4 | 28.8 | 48.4 | 49.0 | 26.7 | 27.3 | 66.4 | 50.4 | 23 |
| 24 | 23.7 | 18.2 | 15.9 | 65.2 | 48.6 | 27.8 | 51.6 | 46.4 | 25.8 | 27.8 | 69.6 | 50.1 | 24 |
| 25 | 23.5 | 17.9 | 16.3 | 57.6 | 49.2 | 27.0 | 53.2 | 46.0 | 24.2 | 25.9 | 71.3 | 49.1 | 25 |
| 26 | 23.1 | 17.9 | 16.6 | 58.9 | 49.2 | 26.1 | 54.1 | 45.5 | 24.7 | 28.2 | 71.5 | 47.7 | 26 |
| 27 | 22.8 | 17.6 | 16.7 | 71.5 | 49.5 | 25.8 | 54.9 | 45.3 | 24.0 | 37.6 | 71.8 | 47.7 | 27 |
| 28 | 22.8 | 17.8 | 17.2 | 73.2 | 42.1 | 24.4 | 56.7 | 44.8 | 23.5 | 56.0 | 71.9 | 46.8 | 28 |
| 29 | 22.4 | | 16.1 | 75.6 | 17.7 | 23.9 | 61.2 | 42.2 | 23.7 | 73.3 | 72.6 | 46.1 | 29 |
| 30 | 22.1 | | 16.7 | 74.1 | 8.72 | 23.1 | 60.8 | 41.6 | 24.5 | 74.8 | 72.6 | 45.3 | 30 |
| 31 | 21.9 | | 16.9 | | 11.7 | | 57.0 | 41.7 | | 69.7 | | 44.6 | 31 |
| TOTAL | 813.5 | 563.8 | 519.6 | 1 376.2 | 1 691.92 | 916.2 | 1 140.7 | 1 608.5 | 924.1 | 941.0 | 1 638.2 | 1 786.6 | TOTAL |
| MEAN | 26.2 | 19.8 | 16.8 | 45.9 | 54.6 | 30.5 | 36.8 | 51.9 | 30.8 | 30.4 | 54.6 | 57.0 | MEAN |
| MAX | 31.6 | 21.8 | 18.9 | 82.1 | 74.9 | 38.6 | 61.2 | 60.3 | 41.2 | 74.8 | 72.6 | 71.4 | MAX |
| MIN | 21.9 | 17.6 | 15.7 | 19.3 | 8.72 | 19.1 | 19.4 | 41.4 | 23.5 | 21.2 | 36.2 | 44.6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.1
MAXIMUM DAILY, 82.1 ON APR 22
MINIMUM DAILY, 8.72 ON MAY 30
MAXIMUM INSTANTANEOUS,
86.6 AT 11:28 EST ON APR 23

### SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 39 19 N
LONG 85 44 32 W
DRAINAGE AREA 4 170 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 70 300 | JUL | 98 800 |
| FEB | 47 800 | AUG | 139 000 |
| MAR | 44 900 | SEP | 79 900 |
| APR | 119 000 | OCT | 81 300 |
| MAY | 146 000 | NOV | 142 000 |
| JUN | 79 200 | DEC | 153 000 |

TOTAL DISCHARGE, 1 200 000 dam³

## WHITEFISH RIVER AT NOLALU - STATION NO. 02AB017

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.3548 | 0.2988 | 0.2908 | 0.5358 | 0.918 | 1.67 | 0.184 | 1.62 | 1.10 | 1.03 | 1.17 | 0.6458 | 1 |
| 2 | 0.3518 | 0.2968 | 0.2908 | 0.6158 | 0.854 | 2.12 | 0.188 | 3.11 | 0.951 | 1.17 | 1.14 | 0.6208 | 2 |
| 3 | 0.3488 | 0.2968 | 0.2918 | 0.7108 | 0.785 | 1.77 | 0.253 | 1.95 | 0.850 | 1.30 | 1.11 | 0.5958 | 3 |
| 4 | 0.3458 | 0.2968 | 0.2918 | 0.8308 | 0.729 | 1.46 | 0.267 | 1.41 | 0.762 | 1.27 | 1.13 | 0.5758 | 4 |
| 5 | 0.3428 | 0.2958 | 0.2938 | 0.9608 | 0.703 | 1.43 | 0.232 | 1.06 | 1.07 | 1.15 | 1.09 | 0.5558 | 5 |
| 6 | 0.3408 | 0.2948 | 0.2998 | 1.13 B | 0.673 | 1.34 | 0.255 | 0.754 | 2.98 | 1.15 | 1.04 | 0.5358 | 6 |
| 7 | 0.3388 | 0.2938 | 0.3038 | 1.36 B | 0.666 | 1.22 | 0.290 | 0.656 | 1.84 | 1.16 | 1.07 B | 0.5108 | 7 |
| 8 | 0.3368 | 0.2928 | 0.3088 | 1.64 B | 0.653 | 1.18 | 0.306 | 0.585 | 1.68 | 1.15 | 0.991 | 0.4958 | 8 |
| 9 | 0.3348 | 0.2918 | 0.3118 | 1.92 B | 0.637 | 1.05 | 0.278 | 0.507 | 1.68 | 1.20 | 0.9858 | 0.4758 | 9 |
| 10 | 0.3318 | 0.2918 | 0.3148 | 2.33 B | 0.651 | 0.929 | 0.258 | 0.472 | 1.50 | 1.30 | 0.9808 | 0.4558 | 10 |
| 11 | 0.3288 | 0.2908 | 0.3178 | 2.87 | 0.806 | 0.814 | 0.228 | 0.431 | 1.41 | 1.28 | 0.9758 | 0.4358 | 11 |
| 12 | 0.3268 | 0.2888 | 0.3208 | 2.57 | 0.868 | 0.789 | 0.276 | 14.3 | 1.35 | 1.26 | 0.9708 | 0.4208 | 12 |
| 13 | 0.3238 | 0.2868 | 0.3248 | 2.20 | 0.806 | 0.784 | 0.408 | 14.8 | 1.75 | 1.23 | 0.935 | 0.4058 | 13 |
| 14 | 0.3208 | 0.2848 | 0.3298 | 2.00 | 0.558 | 0.683 | 0.493 | 10.5 | 1.56 | 1.16 | 0.9008 | 0.3858 | 14 |
| 15 | 0.3198 | 0.2838 | 0.3338 | 1.85 | 0.518 | 0.615 | 0.417 | 7.56 | 1.38 | 1.15 | 0.868 | 0.3728 | 15 |
| 16 | 0.3188 | 0.2828 | 0.3388 | 1.74 | 0.581 | 0.541 | 0.382 | 5.81 | 1.22 | 1.25 | 0.964 | 0.3638 | 16 |
| 17 | 0.3178 | 0.2818 | 0.3448 | 1.74 | 1.38 | 0.502 | 0.328 | 3.84 | 1.19 | 1.52 | 1.20 B | 0.3368 | 17 |
| 18 | 0.3168 | 0.2828 | 0.3488 | 1.80 | 1.73 | 0.409 | 0.486 | 3.00 | 1.17 | 1.44 | 1.55 B | 0.3228 | 18 |
| 19 | 0.3158 | 0.2858 | 0.3528 | 1.71 | 1.55 | 0.323 | 0.677 | 2.73 | 2.55 | 1.35 | 1.26 B | 0.3068 | 19 |
| 20 | 0.3148 | 0.2848 | 0.3558 | 1.69 | 1.48 | 0.285 | 1.14 | 2.32 | 5.20 | 1.28 | 1.12 B | 0.2938 | 20 |
| 21 | 0.3128 | 0.2848 | 0.3588 | 1.57 | 1.43 | 0.243 | 0.990 | 1.94 | 4.10 | 1.22 | 1.02 B | 0.2828 | 21 |
| 22 | 0.3078 | 0.2898 | 0.3618 | 1.41 | 3.42 | 0.230 | 0.800 | 1.76 | 2.99 | 1.16 | 0.9458 | 0.2728 | 22 |
| 23 | 0.3048 | 0.2858 | 0.3848 | 1.30 | 3.44 | 0.226 | 1.01 | 1.61 | 2.35 | 1.17 | 0.8958 | 0.2638 | 23 |
| 24 | 0.3028 | 0.2908 | 0.3698 | 1.20 | 2.47 | 0.202 | 1.42 | 1.39 | 1.84 | 1.16 | 0.8458 | 0.2548 | 24 |
| 25 | 0.3018 | 0.2908 | 0.3788 | 1.10 | 1.92 | 0.194 | 1.28 | 1.26 | 1.56 | 1.18 | 0.8068 | 0.2488 | 25 |
| 26 | 0.3008 | 0.2908 | 0.3878 | 1.01 | 1.69 | 0.196 | 0.989 | 1.18 | 1.35 | 1.28 | 0.7708 | 0.2418 | 26 |
| 27 | 0.2988 | 0.2908 | 0.4008 | 1.19 | 1.57 | 0.191 | 0.750 | 1.14 | 1.27 | 1.42 | 0.7458 | 0.2348 | 27 |
| 28 | 0.2978 | 0.2908 | 0.4158 | 1.23 | 1.48 | 0.188 | 0.578 | 1.08 | 1.32 | 1.40 | 0.7158 | 0.2288 | 28 |
| 29 | 0.2968 | | 0.4358 | 1.11 | 1.35 | 0.177 | 0.480 | 1.02 | 1.15 | 1.36 | 0.6908 | 0.2238 | 29 |
| 30 | 0.2958 | | 0.4588 | 1.05 | 1.22 | 0.193 | 0.406 | 0.987 | 1.05 | 1.26 | 0.6708 | 0.2188 | 30 |
| 31 | 0.2968 | | 0.4858 | | 1.80 | | 0.352 | 1.14 | | 1.23 | | 0.2148 | 31 |
| TOTAL | 9.924 | 8.105 | 10.758 | 44.370 | 38.375 | 21.918 | 18.595 | 91.812 | 54.313 | 38.72 | 29.559 | 11.784 | TOTAL |
| MEAN | 0.320 | 0.289 | 0.347 | 1.48 | 1.24 | 0.731 | 0.534 | 2.96 | 1.81 | 1.25 | 0.985 | 0.379 | MEAN |
| MAX | 0.354 | 0.296 | 0.485 | 2.87 | 3.44 | 2.12 | 1.42 | 14.8 | 5.20 | 1.52 | 1.55 | 0.645 | MAX |
| MIN | 0.296 | 0.281 | 0.290 | 0.535 | 0.518 | 0.177 | 0.184 | 0.431 | 0.762 | 1.03 | 0.670 | 0.214 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.03
MAXIMUM DAILY, 14.8 ON AUG 13
MINIMUM DAILY, 0.184 ON JUL 1
MAXIMUM INSTANTANEOUS,
21.4 AT 18:05 EST ON AUG 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 17 30 N
LONG 89 48 33 W
DRAINAGE AREA, 210 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 857 | JUL | 1 430 |
| FEB | 700 | AUG | 7 930 |
| MAR | 928 | SEP | 4 690 |
| APR | 3 830 | OCT | 3 350 |
| MAY | 3 320 | NOV | 2 550 |
| JUN | 1 590 | DEC | 1 020 |

TOTAL DISCHARGE, 32 500 dam³

## WHITEMANS CREEK NEAR MOUNT VERNON - STATION NO. 02GB006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.15 | 2.98 | 3.28 | 14.8 | 3.01 | 2.56 | 0.959 | 0.665 | 0.717 | 0.744 | 2.51 | 7.30 | 1 |
| 2 | 5.79 | 3.01 | 7.44 | 15.3 | 2.88 | 2.84 | 0.988 | 0.783 | 0.681 | 0.752 | 2.23 | 6.85 | 2 |
| 3 | 5.43 | 2.93 | 9.02 | 13.1 | 2.78 | 2.74 | 1.03 | 0.949 | 0.695 | 0.750 | 2.02 | 5.84 | 3 |
| 4 | 4.65 | 3.01 | 7.74 | 12.2 | 2.85 | 2.72 | 1.56 | 0.963 | 0.644 | 0.805 | 1.85 | 4.99 | 4 |
| 5 | 4.64 | 2.98 | 7.00 | 16.8 | 2.56 | 2.34 | 1.87 | 0.954 | 0.596 | 0.809 | 1.72 | 4.33 | 5 |
| 6 | 4.44 | 2.90 | 7.25 | 41.6 | 2.47 | 2.03 | 2.05 | 0.845 | 0.625 | 0.794 | 1.62 | 3.80 | 6 |
| 7 | 4.26 | 2.97 | 10.1 | 41.8 | 2.43 | 1.78 | 1.76 | 0.762 | 0.605 | 0.840 | 1.58 | 3.43 | 7 |
| 8 | 4.33 | 2.94 | 22.0 | 30.6 | 2.30 | 1.69 | 1.86 | 0.699 | 0.585 | 0.859 | 1.52 | 3.23 | 8 |
| 9 | 4.28 | 2.82 | 29.3 | 18.9 | 2.25 | 1.59 | 4.20 | 1.03 | 0.617 | 0.809 | 1.55 | 3.34 | 9 |
| 10 | 4.23 | 2.498 | 23.5 B | 12.5 | 2.23 | 1.67 | 8.44 | 1.46 | 0.583 | 0.790 | 1.64 | 4.18 | 10 |
| 11 | 4.19 | 2.408 | 21.5 B | 9.11 | 2.26 | 1.51 | 4.93 | 1.72 | 0.645 | 0.851 | 1.58 | 4.94 | 11 |
| 12 | 4.09 | 2.328 | 17.6 | 7.86 | 2.31 | 1.44 | 3.26 | 1.49 | 0.776 | 0.835 | 1.61 | 6.13 | 12 |
| 13 | 4.03 | 2.268 | 10.8 | 8.60 | 2.27 | 1.36 | 2.94 | 1.21 | 0.889 | 0.807 | 1.54 | 5.22 | 13 |
| 14 | 3.92 | 2.188 | 7.55 | 10.6 | 2.17 | 1.33 | 2.85 | 1.03 | 1.09 | 0.795 | 1.49 | 4.98 | 14 |
| 15 | 4.69 | 2.138 | 6.33 | 9.18 | 2.08 | 1.21 | 2.39 | 0.933 | 1.13 | 0.807 | 1.43 | 5.08 | 15 |
| 15 | 6.52 | 2.088 | 5.85 | 7.90 | 2.23 | 1.12 | 2.29 | 0.792 | 1.00 | 0.870 | 1.44 | 6.87 | 16 |
| 17 | 6.67 | 2.038 | 5.67 | 6.80 | 2.18 | 1.07 | 2.06 | 0.777 | 0.973 | 0.863 | 1.50 | 8.23 | 17 |
| 18 | 6.18 | 2.008 | 5.67 | 6.09 | 2.11 | 1.03 | 1.72 | 0.742 | 0.959 | 0.786 | 1.43 | 8.70 | 18 |
| 19 | 5.06 | 1.988 | 5.97 | 5.49 | 2.13 | 0.938 | 1.45 | 0.809 | 1.08 | 0.805 | 1.44 | 7.49 | 19 |
| 20 | 4.26 | 1.958 | 6.51 | 5.00 | 2.18 | 0.934 | 1.26 | 0.726 | 1.13 | 0.843 | 1.43 | 7.31 | 20 |
| 21 | 3.988 | 1.938 | 7.31 | 4.64 | 2.13 | 0.920 | 1.08 | 0.693 | 1.13 | 0.871 | 1.32 | 12.7 | 21 |
| 22 | 3.708 | 1.918 | 7.89 | 4.27 | 2.10 | 1.23 | 0.918 | 0.704 | 1.15 | 0.914 | 1.27 | 14.8 | 22 |
| 23 | 3.488 | 1.908 | 7.94 | 4.05 | 2.05 | 1.30 | 0.788 | 0.639 | 1.14 | 1.09 | 1.28 | 19.8 | 23 |
| 24 | 3.308 | 1.898 | 7.72 | 3.94 | 1.93 | 1.52 | 0.776 | 0.626 | 1.07 | 1.29 | 1.28A | 13.8 | 24 |
| 25 | 3.168 | 1.888 | 7.53 | 3.74 | 1.87 | 1.44 | 1.04 | 0.592 | 1.01 | 1.73 | 2.51A | 9.64 | 25 |
| 26 | 3.078 | 1.908 | 7.88 | 3.53 | 1.87 | 1.28 | 1.20 | 0.619 | 0.972 | 1.96 | 4.72A | 8.32 | 26 |
| 27 | 3.038 | 1.928 | 8.66 | 3.38 | 1.78 | 1.16 | 1.19 | 0.639 | 0.880 | 2.36 | 6.37 | 8.80 | 27 |
| 28 | 3.018 | 2.27 | 9.37 | 3.38 | 1.77 | 1.12 | 1.09 | 0.604 | 0.827 | 2.59 | 8.12 | 8.54 | 28 |
| 29 | 3.048 | | 8.15 | 3.38 | 1.85 | 1.07 | 0.972 | 0.747 | 0.781 | 2.90 | 8.15 | 8.34 | 29 |
| 30 | 3.87 | | 8.12 | 3.15 | 1.56 | 0.991 | 0.892 | 0.741 | 0.771 | 3.00 | 7.42 | 4.308 | 30 |
| 31 | 2.95 | | 10.2 | | 1.46 | | 0.781 | 0.704 | | 2.84 | | 3.758 | 31 |
| TOTAL | 133.51 | 65.60 | 310.85 | 335.01 | 67.91 | 45.983 | 80.382 | 27.078 | 25.796 | 37.740 | 75.46 | 225.78 | TOTAL |
| MEAN | 4.31 | 2.35 | 10.0 | 11.2 | 2.19 | 1.53 | 1.95 | 0.873 | 0.880 | 1.22 | 2.52 | 7.28 | MEAN |
| MAX | 6.67 | 3.01 | 29.3 | 41.8 | 3.01 | 2.84 | 8.44 | 1.72 | 1.15 | 3.00 | 8.15 | 19.8 | MAX |
| MIN | 2.95 | 1.89 | 3.28 | 3.15 | 1.56 | 0.920 | 0.786 | 0.592 | 0.583 | 0.744 | 1.27 | 3.23 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.87
MAXIMUM DAILY, 41.8 ON APR 7
MINIMUM DAILY, 0.553 ON SEP 10
MAXIMUM INSTANTANEOUS,
44.2 AT 08:34 EST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 33 N
LONG 80 23 05 W
DRAINAGE AREA, 383 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11 500 | JUL | 5 220 |
| FEB | 5 690 | AUG | 2 340 |
| MAR | 16 900 | SEP | 2 230 |
| APR | 28 900 | OCT | 3 260 |
| MAY | 5 870 | NOV | 6 520 |
| JUN | 3 980 | DEC | 19 500 |

TOTAL DISCHARGE, 122 000 dam³

## WHITSON RIVER AT CHELMSFORD - STATION NO. 02CF007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.795B | 0.579B | 0.555B | 17.3 | 3.95 | 1.91 | 0.759 | 0.484 | 0.262E | 0.450E | 0.650E | 0.780E | 1 |
| 2 | 0.785B | 0.620B | 0.545B | 16.5 | 3.35 | 1.86 | 0.714 | 0.449 | 0.252E | 0.640E | 0.648E | 0.775B | 2 |
| 3 | 0.775B | 0.680B | 0.530B | 13.8 | 2.85 | 1.81 | 0.795 | 0.450 | 0.247E | 0.565E | 0.650A | 0.750B | 3 |
| 4 | 0.765B | 0.750B | 0.520B | 11.8 | 2.44 | 1.86 | 0.852 | 0.416 | 0.247E | 0.550E | 0.750E | 0.705B | 4 |
| 5 | 0.795B | 0.710B | 0.515B | 11.2 | 2.15 | 1.47 | 0.835 | 0.403 | 0.251E | 0.550E | 0.800E | 0.680B | 5 |
| 6 | 0.745B | 0.675B | 0.540B | 13.4 | 1.95 | 1.29 | 0.837 | 0.381 | 0.250E | 0.640E | 0.820E | 0.665B | 6 |
| 7 | 0.735B | 0.650B | 0.850B | 14.8 | 1.75 | 1.17 | 0.818 | 0.383 | 0.248E | 0.625E | 0.765E | 0.645B | 7 |
| 8 | 0.730B | 0.625B | 1.20 B | 14.9 | 1.65 | 1.10 | 0.841 | 0.371 | 0.243E | 0.610E | 0.750E | 0.650B | 8 |
| 9 | 0.725B | 0.595B | 1.43 B | 14.7 | 1.82 | 1.08 | 0.795 | 0.374 | 0.260E | 0.620E | 0.735E | 0.730E | 9 |
| 10 | 0.720B | 0.575B | 1.55 B | 13.2 | 1.48 | 0.980 | 0.750 | 0.352 | 0.280E | 0.600E | 0.715E | 0.960E | 10 |
| 11 | 0.725B | 0.560B | 1.60 B | 11.5 | 1.43 | 0.985 | 0.775 | 0.345 | 0.300E | 0.575E | 0.705B | 1.22 E | 11 |
| 12 | 0.735B | 0.545B | 1.28 B | 9.88 | 1.37 | 0.975 | 0.743 | 0.344 | 0.320E | 0.585E | 0.690B | 1.34 E | 12 |
| 13 | 0.755B | 0.535B | 1.16 B | 8.62 | 1.32 | 1.02 | 0.731 | 0.331 | 0.270E | 0.555E | 0.680B | 1.26 B | 13 |
| 14 | 0.765B | 0.520B | 1.12 B | 7.48 | 1.22 | 0.980 | 0.676 | 0.333 | 0.255E | 0.560E | 0.665B | 1.19 B | 14 |
| 15 | 0.745B | 0.510B | 1.06 B | 6.89 | 1.24 | 0.895 | 0.670 | 0.347 | 0.251E | 0.550E | 0.655B | 1.14 B | 15 |
| 16 | 0.726B | 0.500B | 1.02 B | 6.46 | 1.22 | 0.862 | 0.684 | 0.331 | 0.248E | 0.515E | 0.650E | 1.08 B | 16 |
| 17 | 0.706B | 0.490B | 0.985B | 5.76 | 1.28 | 0.843 | 0.631 | 0.322 | 0.240E | 0.505E | 0.700E | 1.04 B | 17 |
| 18 | 0.685B | 0.485B | 1.00 B | 4.70 | 1.26 | 0.812 | 0.640 | 0.318 | 0.225E | 0.515E | 0.870E | 1.00 B | 18 |
| 19 | 0.668B | 0.482B | 1.10 B | 4.02 | 1.37 | 0.781 | 0.655 | 0.319 | 0.250E | 0.520E | 0.845E | 0.970B | 19 |
| 20 | 0.655B | 0.485B | 1.35 B | 3.62 | 1.38 | 0.760 | 0.627 | 0.304 | 0.280E | 0.515E | 0.825B | 0.930B | 20 |
| 21 | 0.645B | 0.495B | 1.70 B | 3.22 | 1.34 | 0.743 | 0.608 | 0.304 | 0.350E | 0.505E | 0.815B | 0.905B | 21 |
| 22 | 0.630B | 0.510B | 2.20 B | 2.79 | 1.48 | 0.691 | 0.600 | 0.293 | 0.320E | 0.504E | 0.805B | 0.870B | 22 |
| 23 | 0.620B | 0.525B | 2.80 B | 2.58 | 2.08 | 0.679 | 0.595 | 0.270E | 0.288E | 0.502E | 0.830B | 0.860B | 23 |
| 24 | 0.610B | 0.542B | 3.80 B | 2.50 | 2.51 | 0.630 | 0.586 | 0.258E | 0.275E | 0.500E | 0.855B | 0.825B | 24 |
| 25 | 0.605B | 0.550B | 5.31 B | 2.35 | 2.50 | 0.636 | 0.559 | 0.247A | 0.268E | 0.489E | 0.835B | 0.800B | 25 |
| 26 | 0.595B | 0.535B | 7.55 B | 2.24 | 2.38 | 0.681 | 0.536 | 0.248E | 0.275E | 0.500E | 0.820B | 0.785B | 26 |
| 27 | 0.590B | 0.525B | 11.2 B | 2.42 | 2.44 | 0.681 | 0.500 | 0.250A | 0.288E | 0.600E | 0.805B | 0.765B | 27 |
| 28 | 0.585B | 0.540B | 14.4 B | 3.80 | 2.80 | 0.691 | 0.481 | 0.248E | 0.284E | 0.895E | 0.802B | 0.750B | 28 |
| 29 | 0.580B | | 17.0 B | 4.14 | 2.48 | 0.684 | 0.481 | 0.243E | 0.500E | 0.675E | 0.825E | 0.730B | 29 |
| 30 | 0.578B | | 19.5 B | 4.05 | 2.17 | 0.743 | 0.484 | 0.280E | 0.440E | 0.685E | 0.710E | 0.710B | 30 |
| 31 | 0.578B | | 18.6 B | | 1.97 | | 0.472 | 0.285E | | 0.655E | | 0.695B | 31 |
| TOTAL | 21.303 | 15.789 | 124.080 | 240.42 | 80.25 | 30.085 | 20.685 | 10.226 | 8.425 | 17.525 | 20.270 | 27.205 | TOTAL |
| MEAN | 0.687 | 0.564 | 4.00 | 8.01 | 1.94 | 1.00 | 0.667 | 0.330 | 0.281 | 0.565 | 0.675 | 0.878 | MEAN |
| MAX | 0.795 | 0.750 | 19.5 | 17.3 | 3.95 | 1.91 | 0.852 | 0.484 | 0.500 | 0.895 | 0.820 | 1.34 | MAX |
| MIN | 0.575 | 0.482 | 0.515 | 2.24 | 1.22 | 0.630 | 0.484 | 0.243 | 0.225 | 0.450 | 0.602 | 0.645 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 19.5B ON MAR 30
MINIMUM DAILY, 0.225E ON SEP 18

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 34 55 N
LONG 81 11 59 W
DRAINAGE AREA, 243 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 840 | JUL | 1 790 |
| FEB | 1 380 | AUG | 884 |
| MAR | 10 700 | SEP | 726 |
| APR | 20 800 | OCT | 1 510 |
| MAY | 6 210 | NOV | 1 750 |
| JUN | 2 600 | DEC | 2 350 |

TOTAL DISCHARGE, 51 500 dam³

## WHITSON RIVER AT VAL CARON - STATION NO. 02CF008

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.485B | 0.373B | 0.370B | 12.7 A | 1.78 E | 1.02 E | 0.383E | 0.185E | 0.078E | 0.305E | 0.485E | 0.803 | 1 |
| 2 | 0.480B | 0.390B | 0.365B | 11.9 A | 1.63 E | 1.05 E | 0.373E | 0.178E | 0.078E | 0.418E | 0.490E | 0.985B | 2 |
| 3 | 0.458B | 0.418B | 0.355B | 11.1 E | 1.47 E | 1.03 E | 0.802E | 0.215E | 0.070E | 0.380E | 0.520E | 0.970B | 3 |
| 4 | 0.455B | 0.410B | 0.345B | 9.88E | 1.37 E | 0.918E | 0.588E | 0.213E | 0.075E | 0.372E | 0.573E | 0.945B | 4 |
| 5 | 0.450B | 0.400B | 0.340B | 8.90E | 1.28 E | 0.817E | 0.563E | 0.185E | 0.078E | 0.370E | 0.624E | 0.920B | 5 |
| 6 | 0.448B | 0.390B | 0.345B | 10.1 E | 1.17 E | 0.728E | 0.588E | 0.187E | 0.075E | 0.480E | 0.514E | 0.905B | 6 |
| 7 | 0.445B | 0.383B | 0.480B | 11.1 E | 1.13 E | 0.672E | 0.588E | 0.170E | 0.068E | 0.438E | 0.585E | 0.885B | 7 |
| 8 | 0.448B | 0.378B | 0.580B | 10.9 E | 1.05 E | 0.681E | 0.515E | 0.198E | 0.055E | 0.418E | 0.568E | 0.685B | 8 |
| 9 | 0.452B | 0.367B | 0.700B | 9.50E | 0.997E | 0.606E | 0.478E | 0.163E | 0.120E | 0.430E | 0.556E | 0.540 | 9 |
| 10 | 0.465B | 0.359B | 0.755B | 8.00E | 0.927E | 0.620E | 0.438E | 0.190E | 0.100E | 0.410E | 0.548E | 0.780 | 10 |
| 11 | 0.478B | 0.384B | 0.720B | 7.00E | 0.836E | 0.607E | 0.488E | 0.140E | 0.165E | 0.380E | 0.542E | 0.962 | 11 |
| 12 | 0.485B | 0.347B | 0.660B | 6.85E | 0.862E | 0.708E | 0.435E | 0.135E | 0.120E | 0.380E | 0.530B | 1.10 | 12 |
| 13 | 0.503B | 0.342B | 0.630B | 5.80E | 0.795E | 0.738E | 0.401E | 0.130E | 0.092E | 0.377E | 0.520B | 1.08 B | 13 |
| 14 | 0.505B | 0.338B | 0.610B | 5.20E | 0.775E | 0.840E | 0.359E | 0.130E | 0.083E | 0.380E | 0.510B | 1.00 B | 14 |
| 15 | 0.478B | 0.332B | 0.590B | 3.77A | 0.804E | 0.974E | 0.331E | 0.185E | 0.075E | 0.375E | 0.500B | 0.952B | 15 |
| 16 | 0.460B | 0.328B | 0.571B | 3.48E | 0.817E | 0.927E | 0.287E | 0.130E | 0.080E | 0.345E | 0.503E | 0.910B | 16 |
| 17 | 0.445B | 0.322B | 0.568B | 2.90E | 0.776E | 0.902E | 0.288E | 0.128E | 0.055E | 0.348E | 0.543E | 0.870B | 17 |
| 18 | 0.435B | 0.318B | 0.600B | 2.45E | 0.868E | 0.388E | 0.227E | 0.127E | 0.048E | 0.352E | 0.518E | 0.830B | 18 |
| 19 | 0.425B | 0.320B | 1.00 B | 2.15E | 0.830E | 0.374E | 0.218E | 0.130E | 0.095E | 0.354E | 0.495E | 0.805B | 19 |
| 20 | 0.413B | 0.328B | 1.40 B | 1.90E | 0.907E | 0.395E | 0.228E | 0.120E | 0.185E | 0.350E | 0.478A | 0.775B | 20 |
| 21 | 0.405B | 0.340B | 2.10 E | 1.85E | 0.822E | 0.359E | 0.189E | 0.130E | 0.185E | 0.348E | 0.485E | 0.750B | 21 |
| 22 | 0.398B | 0.355B | 3.70 E | 1.53A | 0.963E | 0.335E | 0.262E | 0.118E | 0.140A | 0.342E | 0.480E | 0.725B | 22 |
| 23 | 0.394B | 0.388B | 3.35 E | 1.49E | 1.26 E | 0.314E | 0.174E | 0.100E | 0.110E | 0.340E | 0.483 | 0.705B | 23 |
| 24 | 0.388B | 0.377B | 4.10 E | 1.50E | 1.32 E | 0.312E | 0.166E | 0.085A | 0.102E | 0.338E | 0.495B | 0.690B | 24 |
| 25 | 0.385B | 0.376B | 5.10 E | 1.43E | 1.27 E | 0.281E | 0.204E | 0.078E | 0.100E | 0.337E | 0.480B | 0.670B | 25 |
| 26 | 0.382B | 0.362B | 6.20 E | 1.36E | 1.20 E | 0.328E | 0.185E | 0.072E | 0.108E | 0.345E | 0.470B | 0.655B | 26 |
| 27 | 0.378B | 0.355B | 7.60 E | 1.44E | 1.27 E | 0.372E | 0.174E | 0.090E | 0.098E | 0.480E | 0.465B | 0.640B | 27 |
| 28 | 0.375B | 0.360B | 9.00 E | 1.83E | 1.29 E | 0.348E | 0.174E | 0.073A | 0.095E | 0.530E | 0.460B | 0.625B | 28 |
| 29 | 0.372B | | 11.5 E | 1.95E | 1.22 E | 0.362E | 0.167E | 0.068E | 0.345E | 0.521E | 0.465B | 0.610B | 29 |
| 30 | 0.371B | | 14.0 E | 1.83E | 1.13 E | 0.420E | 0.162E | 0.116E | 0.282E | 0.510E | 0.523 | 0.595B | 30 |
| 31 | 0.371B | | 14.8 E | | 1.02 E | | 0.178E | 0.100E | | 0.505E | | 0.585B | 31 |
| TOTAL | 13.386 | 10.085 | 82.414 | 181.32 | 33.957 | 17.036 | 10.244 | 4.122 | 3.367 | 12.246 | 15.476 | 22.182 | TOTAL |
| MEAN | 0.432 | 0.360 | 2.99 | 5.38 | 1.10 | 0.568 | 0.330 | 0.133 | 0.112 | 0.395 | 0.516 | 0.715 | MEAN |
| MAX | 0.505 | 0.418 | 14.8 | 12.7 | 1.78 | 1.05 | 0.588 | 0.215 | 0.345 | 0.530 | 0.624 | 1.10 | MAX |
| MIN | 0.371 | 0.319 | 0.340 | 1.36 | 0.775 | 0.281 | 0.166 | 0.068 | 0.048 | 0.305 | 0.460 | 0.485 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 14.8E ON MAR 31
MINIMUM DAILY, 0.048E ON SEP 16

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 37 20 N
LONG 81 00 30 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 150 | JUL | 885 |
| FEB | 871 | AUG | 356 |
| MAR | 7 980 | SEP | 291 |
| APR | 13 900 | OCT | 1 060 |
| MAY | 2 930 | NOV | 1 340 |
| JUN | 1 470 | DEC | 1 920 |

TOTAL DISCHARGE, 34 200 dam³

## WILLOW CREEK ABOVE LITTLE LAKE - STATION NO 02ED005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.657 | 0.317 | 0.344 | 4.25 | 0.318 | 0.166 | 0.122 | 0.079 | 0.025 | 0.150 | 0.561 | 3.75 | 1 |
| 2 | 0.640 | 0.323 | 0.837 | 4.07 | 0.249 | 0.592 | 0.094 | 0.108 | 0.028 | 0.126 | 0.478 | 3.46 | 2 |
| 3 | 0.587 | 0.324 | 0.892 | 3.92 | 0.210 | 0.380 | 0.098 | 0.166 | 0.074 | 0.100 | 0.529 | 1.60 B | 3 |
| 4 | 0.534 | 0.344 | 1.04 | 3.93 | 0.191 | 0.246 | 0.425 | 0.116 | 0.021 | 0.085 | 0.727 | 1.28 | 4 |
| 5 | 0.486 | 0.336 | 1.01 | 12.4 | 0.174 | 0.161 | 0.208 | 0.093 | 0.019 | 0.075 | 1.88 | 0.9008 | 5 |
| 6 | 0.448 | 0.336 | 0.982 | 7.80 | 0.152 | 0.131 | 0.113 | 0.078 | 0.019 | 0.076 | 1.93 | 0.6608 | 6 |
| 7 | 0.447 | 0.346 | 1.27 | 4.58 | 0.137 | 0.190 | 0.123 | 0.067 | 0.019 | 0.200 | 1.55 | 0.5608 | 7 |
| 8 | 0.425 | 0.329 | 2.85 B | 3.32 | 0.125 | 0.344 | 0.142 | 0.060 | 0.020 | 0.254 | 3.20 | 0.533 | 8 |
| 9 | 0.414 | 0.334 | 3.89 B | 2.52 | 0.107 | 0.326 | 0.129 | 0.066 | 0.020 | 0.180 | 5.46 | 2.21 | 9 |
| 10 | 0.406 | 0.359 | 3.25 B | 1.89 | 0.099 | 0.224 | 0.156 | 0.093 | 0.020 | 0.138 | 2.84 | 4.44 | 10 |
| 11 | 0.429 | 0.333 | 2.09 B | 1.46 | 0.104 | 0.149 | 0.224 | 0.068 | 0.020 | 0.122 | 1.69 | 2.84 | 11 |
| 12 | 0.437 | 0.328 | 1.43 | 1.15 | 0.130 | 0.147 | 0.173 | 0.060 | 0.020 | 0.119 | 1.45 | 2.21 | 12 |
| 13 | 0.451 | 0.312 | 1.19 | 0.936 | 0.127 | 0.144 | 0.232 | 0.050 | 0.019 | 0.093 | 1.30 | 1.94 | 13 |
| 14 | 0.460 | 0.3088 | 1.06 | 0.738 | 0.123 | 0.127 | 1.49 | 0.045 | 0.028 | 0.083 | 1.13 | 1.63 | 14 |
| 15 | 0.493 | 0.2988 | 0.980 | 0.685 | 0.196 | 0.114 | 1.15 | 0.041 | 0.030 | 0.078 | 0.918 | 1.25 B | 15 |
| 16 | 0.444 | 0.2858 | 0.941 | 0.631 | 0.181 | 0.090 | 0.859 | 0.048 | 0.024 | 0.081 | 0.770 | 1.02 B | 16 |
| 17 | 0.449 | 0.2788 | 0.922 | 0.540 | 0.125 | 0.087 | 0.433 | 0.042 | 0.024 | 0.078 | 0.717 | 0.9558 | 17 |
| 18 | 0.415 | 0.2708 | 1.03 | 0.492 | 0.113 | 0.082 | 0.339 | 0.039 | 0.026 | 0.116 | 0.708 | 0.9008 | 18 |
| 19 | 0.405 | 0.268 | 1.60 | 0.440 | 0.086 | 0.057 | 0.280 | 0.035 | 0.042 | 0.109 | 0.687 | 0.873 | 19 |
| 20 | 0.379 | 0.249 | 2.43 | 0.488 | 0.086 | 0.051 | 3.01 | 0.029 | 0.087 | 0.110 | 0.6458 | 0.888 | 20 |
| 21 | 0.368 | 0.239 | 3.38 B | 0.477 | 0.087 | 0.044 | 1.49 | 0.027 | 0.115 | 0.111 | 0.5008 | 1.64 B | 21 |
| 22 | 0.349 | 0.244 | 5.50 B | 0.312 | 0.170 | 0.050 | 0.915 | 0.032 | 0.136 | 0.169 | 0.381 | 1.40 B | 22 |
| 23 | 0.336 | 0.258 | 7.60 B | 0.284 | 0.200 | 0.060 | 0.671 | 0.035 | 0.071 | 0.382 | 0.356 | 1.24 | 23 |
| 24 | 0.329 | 0.251 | 9.40 | 0.272 | 0.168 | 0.054 | 0.526 | 0.028 | 0.048 | 0.437 | 0.425 | 1.02 B | 24 |
| 25 | 0.319 | 0.248 | 9.47 | 0.238 | 0.142 | 0.048 | 0.425 | 0.023 | 0.036 | 0.878 | 0.420 | 2.70 | 25 |
| 26 | 0.3128 | 0.234 | 10.0 | 0.208 | 0.185 | 0.044 | 0.340 | 0.021 | 0.048 | 0.667 | 0.491 | 2.64 B | 26 |
| 27 | 0.3088 | 0.242 | 7.15 | 0.205 | 0.299 | 0.099 | 0.258 | 0.019 | 0.031 | 0.835 | 0.509 | 1.47 B | 27 |
| 28 | 0.3068 | 0.248 | 5.00 | 0.322 | 0.233 | 0.251 | 0.199 | 0.014 | 0.085 | 1.12 | 0.521 | 1.09 B | 28 |
| 29 | 0.307 | | 4.22 | 0.372 | 0.187 | 0.157 | 0.158 | 0.021 | 0.081 | 0.886 | 1.44 | 0.7278 | 29 |
| 30 | 0.306 | | 6.58 | 0.344 | 0.115 | 0.172 | 0.126 | 0.020 | 0.157 | 0.756 | 4.29 | 0.5208 | 30 |
| 31 | 0.315 | | 5.24 | | 0.081 | | 0.086 | 0.032 | | 0.618 | | 0.415 | 31 |
| TOTAL | 12.962 | 8.241 | 103.488 | 58.372 | 4.850 | 4.724 | 14.803 | 1.855 | 1.348 | 9.235 | 38.476 | 47.861 | TOTAL |
| MEAN | 0.418 | 0.294 | 3.34 | 1.88 | 0.156 | 0.157 | 0.478 | 0.053 | 0.045 | 0.298 | 1.28 | 1.54 | MEAN |
| MAX | 0.657 | 0.359 | 10.0 | 12.4 | 0.318 | 0.592 | 3.01 | 0.166 | 0.157 | 1.12 | 5.46 | 4.44 | MAX |
| MIN | 0.306 | 0.234 | 0.344 | 0.205 | 0.086 | 0.044 | 0.094 | 0.014 | 0.019 | 0.075 | 0.351 | 0.415 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.841
MAXIMUM DAILY, 12.4 ON APR 5
MINIMUM DAILY, 0.014 ON AUG 28
MAXIMUM INSTANTANEOUS,
14.6 AT 10:38 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 25 29 N
LONG 79 38 38 W
DRAINAGE AREA, 84.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 120 | JUL | 1 280 |
| FEB | 712 | AUG | 143 |
| MAR | 8 940 | SEP | 116 |
| APR | 5 130 | OCT | 798 |
| MAY | 419 | NOV | 3 320 |
| JUN | 408 | DEC | 4 140 |

TOTAL DISCHARGE, 26 500 dam³

## WILLOW CREEK AT MIDHURST - STATION NO 02ED010

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.07 | 0.597 | 0.587 | 6.31 | 0.625 | 0.435 | 0.127 | 0.447 | 0.087 | 0.136 | 0.954 | 2.00 | 1 |
| 2 | 1.04 | 0.5228 | 0.733 | 5.72 | 0.597 | 0.550 | 0.116 | 0.466 | 0.069 | 0.128 | 0.889 | 2.29 | 2 |
| 3 | 1.00 | 0.517 | 0.785 | 5.31 | 0.567 | 0.434 | 0.132 | 0.444 | 0.070 | 0.123 | 0.899 | 2.29 | 3 |
| 4 | 0.981 | 0.615 | 0.770 | 5.03 | 0.543 | 0.366 | 0.193 | 0.453 | 0.068 | 0.118 | 0.918 | 2.17 | 4 |
| 5 | 0.971 | 0.600 | 0.834 | 6.20 | 0.501 | 0.331 | 0.153 | 0.404 | 0.044 | 0.122 | 1.19 | 2.04 | 5 |
| 6 | 0.931 | 0.606 | 0.931 | 8.09 | 0.463 | 0.304 | 0.148 | 0.380 | 0.039 | 0.126 | 1.80 | 1.84 | 6 |
| 7 | 0.919 | 0.629 | 1.14 | 7.45 | 0.415 | 0.444 | 0.187 | 0.368 | 0.058 | 0.158 | 1.61 | 1.85 | 7 |
| 8 | 0.881 | 0.623 | 1.41 B | 6.17 | 0.361 | 0.492 | 0.283 | 0.341 | 0.052 | 0.183 | 1.88 | 1.67 | 8 |
| 9 | 0.841 | 0.584 | 1.69 | 5.23 | 0.307 | 0.438 | 0.212 | 0.360 | 0.054 | 0.196 | 2.42 | 1.82 | 9 |
| 10 | 0.845 | 0.606 | 2.01 B | 4.41 | 0.242 | 0.405 | 0.238 | 0.359 | 0.100 | 0.216 | 2.84 | 1.94 | 10 |
| 11 | 0.834 | 0.597 | 2.19 B | 3.76 | 0.170 | 0.389 | 0.233 | 0.304 | 0.076 | 0.230 | 2.58 | 2.25 | 11 |
| 12 | 0.822 | 0.800 | 2.16 | 3.30 | 0.186 | 0.411 | 0.278 | 0.293 | 0.054 | 0.223 | 2.43 | 2.45 | 12 |
| 13 | 0.799 | 0.582 | 2.08 | 2.88 | 0.134 | 0.418 | 0.391 | 0.268 | 0.052 | 0.220 | 2.26 | 2.45 | 13 |
| 14 | 0.788 | 0.565 | 2.01 | 2.57 | 0.143 | 0.381 | 0.781 | 0.251 | 0.128 | 0.213 | 2.13 | 2.34 | 14 |
| 15 | 0.778 | 0.542 | 1.95 | 2.35 | 0.133 | 0.329 | 0.726 | 0.211 | 0.076 | 0.225 | 1.89 | 2.31 | 15 |
| 16 | 0.766 | 0.512 | 1.85 | 2.10 | 0.111 | 0.286 | 0.703 | 0.219 | 0.075 | 0.220 | 1.84 | 2.15 | 16 |
| 17 | 0.765 | 0.519 | 1.79 | 1.88 | 0.105 | 0.243 | 0.656 | 0.226 | 0.067 | 0.236 | 1.85 | 2.01 | 17 |
| 18 | 0.735 | 0.512 | 1.75 | 1.67 | 0.085 | 0.218 | 0.579 | 0.209 | 0.081 | 0.246 | 1.82 | 1.86 | 18 |
| 19 | 0.748 | 0.507 | 1.76 | 1.52 | 0.081 | 0.181 | 0.566 | 0.231 | 0.090 | 0.258 | 1.38 | 1.73 | 19 |
| 20 | 0.708 | 0.515 | 1.93 | 1.41 | 0.081 | 0.162 | 1.10 | 0.201 | 0.110 | 0.268 | 1.30 | 1.67 | 20 |
| 21 | 0.707 | 0.489 | 2.24 | 1.29 | 0.090 | 0.081 | 1.04 | 0.215 | 0.151 | 0.270 | 1.15 | 1.66 | 21 |
| 22 | 0.686 | 0.486 | 2.73 | 1.17 | 0.201 | 0.090 | 0.982 | 0.206 | 0.118 | 0.284 | 1.03 | 1.71 | 22 |
| 23 | 0.667 | 0.501 | 3.67 | 1.06 | 0.186 | 0.104 | 0.885 | 0.188 | 0.099 | 0.274 | 0.948 | 1.89 | 23 |
| 24 | 0.640 | 0.502 | 5.10 | 0.941 | 0.138 | 0.085 | 0.785 | 0.135 | 0.075 | 0.479 | 0.918 | 1.85 | 24 |
| 25 | 0.652 | 0.483 | 6.76 | 0.855 | 0.119 | 0.082 | 0.703 | 0.102 | 0.068 | 0.636 | 0.868 | 1.76 | 25 |
| 26 | 0.614 | 0.507 | 8.24 | 0.781 | 0.137 | 0.079 | 0.600 | 0.080 | 0.062 | 8.716 | 1.03 | 2.03 | 26 |
| 27 | 0.603 | 0.5048 | 8.91 | 0.741 | 0.172 | 0.135 | 0.534 | 0.072 | 0.081 | 8.846 | 0.956 | 2.10 | 27 |
| 28 | 0.618 | 0.500 | 7.83 | 0.787 | 0.125 | 0.170 | 0.471 | 0.067 | 0.181 | 1.01 | 0.914 | 2.05 | 28 |
| 29 | 0.604 | | 6.88 | 0.706 | 0.113 | 0.125 | 0.455 | 0.068 | 0.137 | 1.14 | 1.08 | 1.808 | 29 |
| 30 | 0.615 | | 6.49 | 0.642 | 0.194 | 0.183 | 0.514 | 0.079 | 0.146 | 1.09 | 1.47 | 1.888 | 30 |
| 31 | 0.608 | | 6.88 | | 0.380 | | 0.461 | 0.080 | | 1.53 | | 1.46 | 31 |
| TOTAL | 24.228 | 15.542 | 96.070 | 92.321 | 7.735 | 8.263 | 15.210 | 7.877 | 2.558 | 11.716 | 44.414 | 60.14 | TOTAL |
| MEAN | 0.782 | 0.555 | 3.10 | 3.08 | 0.250 | 0.276 | 0.491 | 0.268 | 0.085 | 0.378 | 1.48 | 1.94 | MEAN |
| MAX | 1.07 | 0.835 | 8.91 | 8.09 | 0.625 | 0.550 | 1.10 | 0.466 | 0.181 | 1.14 | 2.64 | 2.45 | MAX |
| MIN | 0.603 | 0.483 | 0.587 | 0.642 | 0.090 | 0.079 | 0.113 | 0.067 | 0.039 | 0.118 | 0.868 | 1.46 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 8.91 ON MAR 27
MINIMUM DAILY, 0.039 ON SEP 8
MAXIMUM INSTANTANEOUS
9.15 AT 08:50 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 39 N
LONG 79 43 47 W
DRAINAGE AREA, 127 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 080 | JUL | 1 310 |
| FEB | 1 340 | AUG | 663 |
| MAR | 8 300 | SEP | 321 |
| APR | 7 980 | OCT | 1 010 |
| MAY | 668 | NOV | 3 840 |
| JUN | 716 | DEC | 5 200 |

TOTAL DISCHARGE, 33 300 dam³

## WILMOT CREEK NEAR NEWCASTLE - STATION NO. 02HD005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.15 | 0.950B | 3.708 | 1.82 B | 0.841 | 0.793 | 0.578 | 0.485 | 0.610 | 0.799 | 0.705E | 1.45 | 1 |
| 2 | 1.13 | 0.730B | 5.748 | 2.71 | 0.809 | 0.674 | 0.572 | 0.610 | 0.551 | 0.895 | 0.700E | 1.13 | 2 |
| 3 | 1.04 | 0.645B | 2.478 | 2.58 | 0.796 | 0.614 | 0.618 | 0.658 | 0.539 | 0.845 | 0.785E | 1.01 | 3 |
| 4 | 1.00 B | 0.630B | 1.418 | 4.59 | 0.772 | 0.595 | 0.705 | 0.555 | 0.508 | 0.827 | 0.800E | 0.985 | 4 |
| 5 | 0.9528 | 0.615B | 1.248 | 5.19 | 0.756 | 0.594 | 0.580 | 0.504 | 0.503 | 0.810 | 0.783A | 0.889 | 5 |
| 6 | 0.988 | 0.610B | 1.56 | 2.97 | 0.740 | 0.621 | 0.548 | 0.494 | 0.511 | 0.595 | 0.723 | 0.825 | 6 |
| 7 | 1.00 | 0.604B | 2.55 | 1.88 | 0.710 | 0.820 | 0.556 | 0.641 | 0.519 | 0.742 | 0.710 | 0.774 | 7 |
| 8 | 0.903 | 0.605B | 4.47 | 1.52 | 0.674 | 0.918 | 0.586 | 0.854 | 1.05 | 1.03 | 1.30 | 0.786 | 8 |
| 9 | 0.920 | 0.603B | 2.88B | 1.41 | 0.701 | 0.736 | 0.615 | 0.927 | 1.05 | 0.717 | 1.70 | 0.985 | 9 |
| 10 | 0.954 | 0.600B | 1.50B | 1.27 | 0.706 | 0.859 | 0.582 | 0.878 | 0.881 | 0.896 | 0.972 | 1.13 | 10 |
| 11 | 0.987 | 0.680B | 1.40B | 1.19 | 0.677 | 0.822 | 0.554 | 0.885 | 0.828 | 0.827 | 0.887 | 0.933 | 11 |
| 12 | 0.924 | 0.670B | 1.20B | 1.24 | 0.678 | 1.10 | 0.522 | 0.880 | 0.842 | 0.822 | 0.806 | 1.09 | 12 |
| 13 | 0.954 | 0.635B | 1.13 | 1.50 | 0.634 | 2.08 | 0.488 | 0.852 | 0.857 | 0.803 | 0.793 | 0.994 | 13 |
| 14 | 0.955 | 0.625B | 1.14 | 1.21 | 0.819 | 0.905 | 0.537 | 0.524 | 0.751 | 0.890 | 0.740 | 0.929 | 14 |
| 15 | 1.12 | 0.610B | 1.08 | 1.09 | 0.743 | 0.687 | 0.515 | 0.514 | 0.604 | 0.893 | 0.737 | 1.36 | 15 |
| 16 | 0.9208 | 0.605B | 1.09 | 1.07 | 0.685 | 0.633 | 0.528 | 0.521 | 0.585 | 0.815 | 0.737 | 2.09 | 16 |
| 17 | 0.8108 | 0.600B | 1.06 | 1.00 | 0.682 | 0.595 | 0.489 | 0.605 | 0.586 | 0.836 | 0.783 | 1.40 A | 17 |
| 18 | 0.7708 | 0.598B | 1.16 | 1.01 | 0.636 | 0.572 | 0.799 | 0.668 | 1.07 | 0.782 | 0.988 | 1.10 B | 18 |
| 19 | 0.7408 | 0.585B | 1.30 | 0.949 | 0.608 | 0.564 | 0.922 | 0.535 | 0.833 | 0.881 | 0.821 | 0.880E | 19 |
| 20 | 0.7208 | 0.592B | 1.33 | 0.930 | 0.615 | 0.586 | 0.795 | 0.514 | 0.856 | 0.845 | 0.7428 | 2.50 E | 20 |
| 21 | 0.7008 | 0.590B | 1.37 | 0.848 | 0.618 | 0.589 | 0.655 | 0.505 | 1.22 | 0.842 | 0.985B | 3.70 E | 21 |
| 22 | 0.6908 | 0.588B | 1.50 | 0.811 | 0.725 | 0.784 | 0.592 | 0.506 | 0.936 | 0.858 | 0.8498 | 1.75 E | 22 |
| 23 | 0.6708 | 0.587B | 1.51 | 0.842 | 0.715 | 0.889 | 0.547 | 0.499 | 0.718 | 1.60 | 0.893 | 1.17 E | 23 |
| 24 | 0.6508 | 0.586B | 1.50 | 0.884 | 0.653 | 0.598 | 0.562 | 0.473 | 0.657 | 1.01 | 0.747 | 1.06 E | 24 |
| 25 | 0.6508 | 0.585B | 1.60 | 0.822 | 0.652 | 0.563 | 0.538 | 0.488 | 0.641 | 1.13 A | 1.22 | 2.40 E | 25 |
| 26 | 0.6408 | 0.584B | 2.01 | 0.789 | 0.646 | 0.574 | 0.536 | 0.485 | 0.625 | 0.780E | 1.78 | 1.70 E | 26 |
| 27 | 0.6358 | 0.583B | 1.47 | 0.762 | 0.671 | 0.671 | 0.509 | 0.475 | 0.603 | 0.830E | 1.05 | 1.16 E | 27 |
| 28 | 0.6308 | 0.7208 | 1.33 | 1.08 | 0.730 | 0.633 | 0.498 | 0.484 | 0.731 | 0.880E | 0.905 | 0.7408 | 28 |
| 29 | 0.6258 | | 1.30 | 1.04 | 0.728 | 0.623 | 0.456 | 0.524 | 0.640 | 0.730E | 4.08 | 0.7108 | 29 |
| 30 | 0.6208 | | 2.84 | 0.951 | 0.632 | 0.615 | 0.463 | 0.528 | 0.617 | 0.740E | 2.75 | 0.6808 | 30 |
| 31 | 0.6158 | | 2.618 | | 0.884 | | 0.470 | 0.580 | | 0.725E | | 0.6608 | 31 |
| TOTAL | 26.032 | 17.819 | 59.21 | 45.918 | 21.484 | 21.677 | 18.062 | 17.963 | 21.131 | 23.189 | 31.842 | 37.942 | TOTAL |
| MEAN | 0.840 | 0.636 | 1.91 | 1.53 | 0.693 | 0.723 | 0.582 | 0.579 | 0.704 | 0.748 | 1.05 | 1.22 | MEAN |
| MAX | 1.15 | 0.950 | 5.74 | 5.19 | 0.841 | 2.08 | 0.922 | 0.984 | 1.22 | 1.60 | 4.08 | 2.70 | MAX |
| MIN | 0.615 | 0.583 | 1.08 | 0.762 | 0.608 | 0.563 | 0.456 | 0.484 | 0.503 | 0.590 | 0.595 | 0.660 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.937
MAXIMUM DAILY 5.748 ON MAR 2
MINIMUM DAILY 0.456 ON JUL 28
MAXIMUM INSTANTANEOUS
10.7 AT 22.25 EST ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 47 N
LONG 78 37 08 W
DRAINAGE AREA 82.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 250 | JUL | 1 560 |
| FEB | 1 540 | AUG | 1 550 |
| MAR | 5 130 | SEP | 1 820 |
| APR | 3 970 | OCT | 2 000 |
| MAY | 1 860 | NOV | 2 730 |
| JUN | 1 870 | DEC | 3 280 |

TOTAL DISCHARGE, 29 600 dam³

## WILTON CREEK NEAR NAPANEE - STATION NO. 02HM004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.45 | 0.280B | 0.700B | 11.5 | 0.817 | 0.242 | 0.121 | 0.060 | 0.044 | 0.254 | 0.552 | 19.1 | 1 |
| 2 | 1.13 B | 0.276B | 2.00 B | 10.3 | 0.532 | 0.236 | 0.123 | 0.037 | 0.035 | 0.328 | 0.519 | 14.2 | 2 |
| 3 | 0.904B | 0.276B | 3.00 B | 8.28 | 0.450 | 0.303 | 0.120 | 0.039 | 0.021 | 0.452 | 0.543 | 9.84 | 3 |
| 4 | 0.904B | 0.274B | 2.90 B | 8.21 | 0.402 | 0.426 | 0.144 | 0.035 | 0.018 | 0.517 | 0.836 | 7.25 | 4 |
| 5 | 0.885B | 0.272B | 2.86 B | 11.6 | 0.379 | 0.422 | 0.126 | 0.028 | 0.019 | 0.489 | 0.985 | 4.32 | 5 |
| 6 | 0.847 | 0.270B | 2.82 B | 11.9 | 0.328 | 0.419 | 0.105 | 0.027 | 0.022 | 0.438 | 1.02 | 2.82 | 6 |
| 7 | 0.847 | 0.268B | 4.60 B | 9.89 | 0.330 | 0.391 | 0.095 | 0.025 | 0.018 | 0.631 | 1.04 | 2.248 | 7 |
| 8 | 0.7708 | 0.268B | 5.50 B | 6.97 | 0.301 | 0.453 | 0.103 | 0.025 | 0.029 | 1.04 | 1.22 | 1.988 | 8 |
| 9 | 0.7588 | 0.267B | 4.90 B | 4.55 | 0.284 | 0.452 | 0.097 | 0.035 | 0.045 | 1.20 | 2.33 | 2.12 | 9 |
| 10 | 0.7008 | 0.266B | 4.80 B | 3.20 | 0.259 | 0.387 | 0.084 | 0.038 | 0.073 | 1.10 | 2.86 | 2.89 | 10 |
| 11 | 0.6778 | 0.266B | 4.85 B | 2.47 | 0.246 | 0.351 | 0.080 | 0.028 | 0.059 | 0.911 | 2.28 | 2.86 | 11 |
| 12 | 0.663 | 0.265B | 3.55 B | 2.04 | 0.263 | 0.322 | 0.055 | 0.034 | 0.124 | 0.735 | 1.85 | 2.54 | 12 |
| 13 | 0.642 | 0.266B | 2.50 B | 1.71 | 0.269 | 0.348 | 0.047 | 0.020 | 0.113 | 0.618 | 1.49 | 2.49 | 13 |
| 14 | 0.6088 | 0.264B | 1.95 B | 1.46 | 0.212 | 0.351 | 0.052 | 0.018 | 0.081 | 0.533 | 1.30 | 2.25 | 14 |
| 15 | 0.6088 | 0.264B | 1.90 B | 1.34 | 0.291 | 0.287 | 0.048 | 0.018 | 0.102 | 0.483 | 1.18 | 2.12 | 15 |
| 16 | 0.5878 | 0.263B | 1.85 B | 1.23 | 0.301 | 0.287 | 0.041 | 0.011 | 0.142 | 0.433 | 1.02 | 2.02 | 16 |
| 17 | 0.5348 | 0.263B | 1.90 B | 1.08 | 0.249 | 0.238 | 0.052 | 0.010 | 0.187 | 0.384 | 0.914 | 1.98 | 17 |
| 18 | 0.4888 | 0.262B | 2.27 | 0.974 | 0.248 | 0.202 | 0.038 | 0.009 | 0.193 | 0.357 | 3.05 | 1.848 | 18 |
| 19 | 0.4668 | 0.262B | 2.67 | 0.838 | 0.192 | 0.184 | 0.043 | 0.008 | 0.119 | 0.340 | 3.82 | 1.708 | 19 |
| 20 | 0.4448 | 0.261B | 3.00 | 0.702 | 0.201 | 0.170 | 0.038 | 0.007 | 0.162 | 0.312 | 3.28 | 2.28 | 20 |
| 21 | 0.4178 | 0.261B | 3.01 | 0.623 | 0.184 | 0.150 | 0.058 | 0.008 | 0.237 | 0.304 | 2.56 B | 5.80 | 21 |
| 22 | 0.3868 | 0.260B | 3.50 | 0.545 | 0.158 | 0.138 | 0.040 | 0.013 | 0.318 | 0.319 | 1.85 B | 6.97 | 22 |
| 23 | 0.3768 | 0.260B | 4.54 | 0.510 | 0.132 | 0.147 | 0.025 | 0.009 | 0.311 | 0.370 | 1.84 | 3.90 | 23 |
| 24 | 0.3618 | 0.259B | 5.65 | 0.841 | 0.118 | 0.148 | 0.024 | 0.007 | 0.291 | 0.457 | 1.49 | 3.15A | 24 |
| 25 | 0.3468 | 0.259B | 5.90 | 0.656 | 0.115 | 0.133 | 0.037 | 0.007 | 0.264 | 0.511 | 1.58 | 3.84 | 25 |
| 26 | 0.3318 | 0.258B | 6.44 | 0.609 | 0.192 | 0.130 | 0.028 | 0.008 | 0.230 | 0.628 | 2.25 | 4.79 | 26 |
| 27 | 0.3228 | 0.258B | 6.08 | 0.522 | 0.216 | 0.129 | 0.111 | 0.008 | 0.185 | 0.689 | 2.18 | 4.11 | 27 |
| 28 | 0.3128 | 0.257B | 5.06 | 0.446 | 0.248 | 0.142 | 0.141 | 0.013 | 0.170 | 0.784 | 1.87 | 3.758 | 28 |
| 29 | 0.3038 | | 3.97 | 0.888 | 0.302 | 0.154 | 0.108 | 0.028 | 0.139 | 0.718 | 5.42 | 1.728 | 29 |
| 30 | 0.2938 | | 3.78 | 0.881 | 0.277 | 0.132 | 0.073 | 0.023 | 0.187 | 0.854 | 19.2 | 1.588 | 30 |
| 31 | 0.2848 | | 9.02 | | 0.210 | | 0.056 | 0.035 | | 0.585 | | 1.448 | 31 |
| TOTAL | 18.644 | 7.427 | 126.250 | 108.245 | 8.739 | 7.847 | 2.287 | 0.833 | 3.906 | 17.524 | 73.235 | 126.59 | TOTAL |
| MEAN | 0.601 | 0.265 | 4.07 | 3.54 | 0.282 | 0.262 | 0.074 | 0.020 | 0.130 | 0.585 | 2.44 | 4.08 | MEAN |
| MAX | 1.45 | 0.280 | 9.02 | 11.9 | 0.817 | 0.453 | 0.144 | 0.060 | 0.318 | 1.20 | 19.2 | 19.1 | MAX |
| MIN | 0.284 | 0.257 | 0.700 | 0.510 | 0.184 | 0.123 | 0.024 | 0.007 | 0.018 | 0.254 | 0.519 | 1.44 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.37
MAXIMUM DAILY 19.2 ON NOV 30
MINIMUM DAILY 0.007 ON AUG 20
MAXIMUM INSTANTANEOUS
22.4 AT 15.37 EST ON NOV 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 44 14 22 N
LONG 76 50 56 W
DRAINAGE AREA 112 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 810 | JUL | 198 |
| FEB | 642 | AUG | 54.7 |
| MAR | 10 900 | SEP | 357 |
| APR | 9 180 | OCT | 1 510 |
| MAY | 755 | NOV | 6 320 |
| JUN | 678 | DEC | 10 900 |

TOTAL DISCHARGE 63 100 dam³

## WINDIGO RIVER ABOVE MUSKRAT DAM LAKE - STATION NO 04CB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61.68 | 54.08 | 51.48 | 52.58 | 135 | 122 | 98.6 | 68.0 | 55.6 | 50.6 | 70.5 | 57.98 | 1 |
| 2 | 61.38 | 53.98 | 51.38 | 53.08 | 139 | 126 | 97.9 | 67.7 | 57.0 | 45.5 | 71.2 | 57.28 | 2 |
| 3 | 61.08 | 53.88 | 51.38 | 53.58 | 143 | 118 | 97.9 | 63.5 | 61.4 | 53.8 | 71.1 | 56.88 | 3 |
| 4 | 60.68 | 53.78 | 51.28 | 54.08 | 145 | 113 | 96.9 | 63.7 | 62.5 | 53.1 | 70.1 | 56.38 | 4 |
| 5 | 60.38 | 53.68 | 51.28 | 54.78 | 144 | 117 | 97.2 | 66.4 | 60.2 | 49.9 | 67.1 | 55.08 | 5 |
| 6 | 60.08 | 53.58 | 51.18 | 55.58 | 134 | 116 | 93.5 | 64.0 | 58.3 | 51.2 | 68.3 | 55.88 | 6 |
| 7 | 59.88 | 53.48 | 51.18 | 56.58 | 134 | 112 | 93.4 | 65.6 | 59.0 | 55.1 | 67.9 | 55.08 | 7 |
| 8 | 59.58 | 53.38 | 51.08 | 57.58 | 138 | 115 | 91.5 | 67.6 | 59.3 | 59.4 | 67.4 | 54.78 | 8 |
| 9 | 59.28 | 53.28 | 51.08 | 58.58 | 128 | 116 | 90.7 | 64.6 | 58.9 | 59.7 | 67.4 | 54.38 | 9 |
| 10 | 58.98 | 53.18 | 51.08 | 59.58 | 131 | 117 | 87.8 | 62.6 | 56.4 | 61.2 | 67.0 | 54.08 | 10 |
| 11 | 58.68 | 53.08 | 50.98 | 61.1 | 131 | 117 | 82.5 | 67.1 | 57.4 | 63.6 | 67.1 | 53.78 | 11 |
| 12 | 58.38 | 52.98 | 50.98 | 63.7 | 136 | 117 | 82.4 | 66.8 | 56.5 | 63.3 | 67.3 | 53.28 | 12 |
| 13 | 58.08 | 52.88 | 50.98 | 66.4 | 140 | 121 | 83.9 | 66.5 | 57.2 | 65.8 | 66.5 | 52.78 | 13 |
| 14 | 57.88 | 52.78 | 50.98 | 69.3 | 128 | 116 | 85.1 | 64.4 | 56.8 | 65.6 | 66.2 | 52.38 | 14 |
| 15 | 57.58 | 52.68 | 50.88 | 76.3 | 131 | 114 | 84.8 | 61.3 | 57.1 | 62.2 | 66.8 | 52.08 | 15 |
| 16 | 57.38 | 52.58 | 50.68 | 78.8 | 131 | 113 | 84.2 | 59.5 | 56.8 | 63.3 | 66.9 | 51.78 | 16 |
| 17 | 57.08 | 52.48 | 50.88 | 83.9 | 126 | 116 | 81.4 | 58.1 | 56.8 | 65.8 | 66.7 | 51.38 | 17 |
| 18 | 56.88 | 52.38 | 50.88 | 87.2 | 129 | 113 | 78.1 | 61.6 | 57.2 | 67.0 | 64.7 | 50.98 | 18 |
| 19 | 56.58 | 52.28 | 50.88 | 92.9 | 130 | 107 | 78.5 | 61.7 | 56.2 | 66.4 | 64.18 | 50.58 | 19 |
| 20 | 56.38 | 52.18 | 50.98 | 98.6 | 127 | 109 | 81.9 | 62.6 | 54.8 | 65.1 | 63.28 | 50.28 | 20 |
| 21 | 56.08 | 52.08 | 50.98 | 104 | 114 | 105 | 78.8 | 61.6 | 55.5 | 65.7 | 62.68 | 49.98 | 21 |
| 22 | 55.78 | 51.98 | 51.08 | 113 | 119 | 106 | 76.6 | 59.9 | 57.0 | 67.4 | 62.28 | 49.68 | 22 |
| 23 | 55.58 | 51.88 | 51.18 | 115 | 123 | 109 | 76.2 | 58.5 | 52.9 | 66.3 | 61.68 | 49.38 | 23 |
| 24 | 55.38 | 51.78 | 51.18 | 120 | 121 | 110 | 73.5 | 61.2 | 50.8 | 66.5 | 61.08 | 49.08 | 24 |
| 25 | 55.08 | 51.68 | 51.28 | 125 | 119 | 108 | 73.4 | 60.0 | 52.1 | 70.1 | 60.68 | 48.68 | 25 |
| 26 | 54.88 | 51.58 | 51.38 | 130 | 117 | 98.3 | 72.5 | 62.0 | 52.6 | 70.6 | 60.28 | 48.38 | 26 |
| 27 | 54.78 | 51.58 | 51.48 | 128 | 117 | 96.3 | 70.7 | 62.3 | 52.3 | 67.7 | 59.68 | 48.08 | 27 |
| 28 | 54.58 | 51.48 | 51.58 | 135 | 118 | 97.3 | 71.8 | 62.9 | 52.1 | 66.7 | 59.38 | 47.78 | 28 |
| 29 | 54.48 | | 51.68 | 133 | 120 | 96.3 | 68.4 | 63.6 | 51.7 | 66.2 | 58.88 | 47.48 | 29 |
| 30 | 54.28 | | 51.88 | 136 | 117 | 96.2 | 68.5 | 60.3 | 48.8 | 66.8 | 58.38 | 47.18 | 30 |
| 31 | 54.18 | | 52.08 | | 118 | | 68.7 | 54.0 | | 65.4 | | 46.88 | 31 |
| TOTAL | 1 780.5 | 1 474.4 | 1 585.0 | 2 562.5 | 3 977 | 3 345.4 | 2 570.9 | 1 953.0 | 1 684.7 | 1 838.9 | 1 951.3 | 1 808.0 | TOTAL |
| MEAN | 57.4 | 52.7 | 51.1 | 85.4 | 128 | 112 | 82.9 | 63.0 | 56.3 | 62.5 | 65.0 | 51.9 | MEAN |
| MAX | 61.6 | 54.0 | 52.0 | 136 | 145 | 126 | 98.9 | 68.0 | 62.5 | 70.6 | 71.2 | 57.9 | MAX |
| MIN | 54.1 | 51.4 | 50.8 | 52.5 | 114 | 98.3 | 68.9 | 54.0 | 48.8 | 45.5 | 58.3 | 46.8 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 72.4
MAXIMUM DAILY, 145 ON MAY 4
MINIMUM DAILY, 45.5 ON OCT 2
MAXIMUM INSTANTANEOUS,
149 AT 15:24 EST ON MAY 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 20 55 N
LONG 91 47 30 W
DRAINAGE AREA, 10 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 154 000 | JUL | 222 000 |
| FEB | 127 000 | AUG | 169 000 |
| MAR | 137 000 | SEP | 146 000 |
| APR | 221 000 | OCT | 168 000 |
| MAY | 344 000 | NOV | 169 000 |
| JUN | 289 000 | DEC | 139 000 |

TOTAL DISCHARGE, 2 290 000 dam³

## WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY - STATION NO 04DC001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1720 | 1400 | 1200 | 1060 | 554 | 585 | 464 | 271 | 491 | 517 | 405 | 3040 | 1 |
| 2 | 1700 | 1380 | 1180 | 1060 | 523 | 600 | 468 | 284 | 536 | 501 | 410 | 2970 | 2 |
| 3 | 1690 | 1360 | 1160 | 1060 | 504 | 604 | 462 | 261 | 549 | 488 | 419 | 2910 | 3 |
| 4 | 1680 | 1360 | 1140 | 1050 | 491 | 594 | 457 | 263 | 554 | 475 | 424 | 2850 | 4 |
| 5 | 1670 | 1370 | 1170 | 1050 | 483 | 586 | 443 | 256 | 563 | 476 | 404 | 2800 | 5 |
| 6 | 1660 | 1360 | 1170 | 1050 | 497 | 571 | 435 | 245 | 588 | 498 | 396 | 2740 | 6 |
| 7 | 1650 | 1350 | 1160 | 1050 | 501 | 562 | 428 | 245 | 588 | 513 | 385 | 2690 | 7 |
| 8 | 1640 | 1350 | 1160 | 1060 | 503 | 550 | 420 | 251 | 542 | 509 | 356 | 2640 | 8 |
| 9 | 1620 | 1340 | 1150 | 1060 | 500 | 531 | 412 | 251 | 538 | 501 | 3750 | 2590 | 9 |
| 10 | 1610 | 1330 | 1150 | 1070 | 515 | 518 | 403 | 252 | 542 | 504 | 4000 | 2540 | 10 |
| 11 | 1600 | 1320 | 1150 | 1080 | 527 | 511 | 392 | 257 | 542 | 488 | 4100 | 2500 | 11 |
| 12 | 1590 | 1310 | 1140 | 1100 | 536 | 501 | 385 | 261 | 553 | 490 | 4280 | 2460 | 12 |
| 13 | 1580 | 1300 | 1140 | 1120 | 556 | 488 | 372 | 277 | 601 | 482 | 4350 | 2410 | 13 |
| 14 | 1560 | 1300 | 1130 | 1160 | 582 | 478 | 358 | 285 | 704 | 475 | 4400 | 2370 | 14 |
| 15 | 1550 | 1290 | 1130 | 1190 | 613 | 472 | 350 | 290 | 808 | 475 | 4330 | 2330 | 15 |
| 16 | 1540 | 1280 | 1120 | 1260 | 618 | 457 | 346 | 280 | 884 | 469 | 4260 | 2290 | 16 |
| 17 | 1530 | 1260 | 1120 | 1450 | 614 | 438 | 361 | 270 | 851 | 453 | 4180 | 2250 | 17 |
| 18 | 1520 | 1270 | 1110 | 3150 | 616 | 424 | 357 | 265 | 821 | 444 | 4050 | 2210 | 18 |
| 19 | 1510 | 1270 | 1100 | 4500 | 607 | 416 | 356 | 262 | 788 | 443 | 4000 | 2180 | 19 |
| 20 | 1500 | 1260 | 1100 | 5000 | 603 | 406 | 341 | 271 | 765 | 444 | 3900 | 2140 | 20 |
| 21 | 1500 | 1250 | 1090 | 7900 | 601 | 384 | 338 | 289 | 722 | 444 | 3820 | 2110 | 21 |
| 22 | 1480 | 1250 | 1080 | 8750 | 602 | 371 | 343 | 309 | 690 | 437 | 3720 | 2080 | 22 |
| 23 | 1460 | 1240 | 1080 | 9350 | 586 | 358 | 343 | 337 | 665 | 429 | 3620 | 2040 | 23 |
| 24 | 1470 | 1230 | 1060 | 1 0000 | 576 | 349 | 338 | 349 | 652 | 422 | 3530 | 2010 | 24 |
| 25 | 1460 | 1230 | 1060 | 9900 | 580 | 345 | 334 | 352 | 628 | 411 | 3440 | 1990 | 25 |
| 26 | 1450 | 1220 | 1060 | 9750 | 579 | 342 | 326 | 359 | 599 | 415 | 3370 | 1960 | 26 |
| 27 | 1440 | 1210 | 1060 | 9100 | 573 | 361 | 316 | 366 | 576 | 425 | 3310 | 1930 | 27 |
| 28 | 1430 | 1210 | 1070 | 8100 | 570 | 393 | 306 | 365 | 559 | 428 | 3230 | 1900 | 28 |
| 29 | 1420 | | 1070 | 7300 | 572 | 419 | 291 | 362 | 545 | 402 | 3150 | 1870 | 29 |
| 30 | 1420 | | 1070 | 688 | 581 | 444 | 284 | 389 | 531 | 395 | 3100 | 1840 | 30 |
| 31 | 1410 | | 1060 | | 588 | | 282 | 418 | | 400 | | 1820 | 31 |
| TOTAL | 4 809 | 3 837 | 3 481 | 11 921 | 17 363 | 14 061 | 11 500 | 9 184 | 18 885 | 14 266 | 11 593 | 7 245 | TOTAL |
| MEAN | 155 | 130 | 112 | 397 | 560 | 469 | 371 | 296 | 630 | 480 | 388 | 234 | MEAN |
| MAX | 172 | 140 | 120 | 1 000 | 618 | 604 | 468 | 418 | 884 | 517 | 440 | 304 | MAX |
| MIN | 141 | 121 | 106 | 105 | 491 | 342 | 282 | 245 | 481 | 395 | 310 | 182 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 350
MAXIMUM DAILY, 1 0000 ON APR 24
MINIMUM DAILY, 1058 ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 00 N
LONG 87 14 00 W
DRAINAGE AREA, 30 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 415 000 | JUL | 994 000 |
| FEB | 314 000 | AUG | 792 000 |
| MAR | 301 000 | SEP | 1 630 000 |
| APR | 1 030 000 | OCT | 1 230 000 |
| MAY | 1 500 000 | NOV | 1 000 000 |
| JUN | 1 210 000 | DEC | 626 000 |

TOTAL DISCHARGE, 11 000 000 dam³

WINNIPEG RIVER ABOVE BOUNDARY FALLS - STATION NO 05PP051

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | 300.253 | 299.637 | 299.532 | 299.583 | 299.329 | 299.421 | 299.603 | 299.989 | 1 |
| 2 | --- | --- | --- | --- | 300.112 | 299.588 | 299.436 | 299.536 | 299.312 | 299.436 | 299.590 | 299.990 | 2 |
| 3 | --- | --- | --- | --- | 299.959 | 299.573 | 299.461 | 299.458 | 299.306 | 299.453 | 299.609 | 299.946 | 3 |
| 4 | --- | --- | --- | --- | 299.976 | 299.584 | 299.481 | 299.421 | 299.299 | 299.479 | 299.623 | 299.982 | 4 |
| 5 | --- | --- | --- | --- | 299.986 | 299.505 | 299.446 | 299.417 | 299.323 | 299.470 | 299.629 | 300.004 | 5 |
| 6 | --- | --- | --- | --- | 299.901 | 299.506 | 299.430 | 299.404 | 299.293 | 299.496 | 299.680 | 300.001 | 6 |
| 7 | --- | --- | --- | --- | 299.849 | 299.501 | 299.418 | 299.383 | 299.262 | 299.491 | 299.651 | 300.000 | 7 |
| 8 | --- | --- | --- | --- | 299.817 | 299.522 | 299.512 | 299.363 | 299.285 | 299.476 | 299.633 | 300.017 | 8 |
| 9 | --- | --- | --- | --- | 299.823 | 299.477 | 299.510 | 299.337 | 299.351 | 299.476 | 299.648 | 300.046 | 9 |
| 10 | --- | --- | --- | --- | 299.794 | 299.489 | 299.513 | 299.335 | 299.390 | 299.485 | 299.661 | 300.044 | 10 |
| 11 | --- | --- | --- | --- | 299.886 | 299.486 | 299.519 | 299.380 | 299.437 | 299.486 | 299.653 | 299.950 | 11 |
| 12 | --- | --- | --- | --- | 299.880 | 299.486 | 299.581 | 299.403 | 299.460 | 299.508 | 299.662 | 300.005 | 12 |
| 13 | --- | --- | --- | --- | 299.786 | 299.489 | 299.541 | 299.385 | 299.462 | 299.488 | 299.620 | 299.958 | 13 |
| 14 | --- | --- | --- | --- | 299.806 | 299.477 | 299.519 | 299.461 | 299.474 | 299.495 | 299.611 | 299.958 | 14 |
| 15 | --- | --- | --- | --- | 299.778 | 299.486 | 299.515 | 299.474 | 299.480 | 299.475 | 299.614 | 299.994 | 15 |
| 16 | --- | --- | --- | --- | 299.784 | 299.478 | 299.488 | 299.431 | 299.468 | 299.436 | 299.645 | 299.978 | 16 |
| 17 | --- | --- | --- | --- | 299.747 | 299.434 | 299.467 | 299.433 | 299.436 | 299.419 | 299.668 | 299.864 | 17 |
| 18 | --- | --- | --- | --- | 299.719 | 299.438 | 299.429 | 299.443 | 299.428 | 299.412 | 299.718 | 299.982 | 18 |
| 19 | --- | --- | --- | --- | 299.685 | 299.422 | 299.437 | 299.448 | 299.400 | 299.472 | 299.736 | 299.974 | 19 |
| 20 | --- | --- | --- | --- | 299.683 | 299.396 | 299.455 | 299.380 | 299.390 | 299.482 | 299.741 | 299.950 | 20 |
| 21 | --- | --- | --- | --- | 299.686 | 299.386 | 299.455 | 299.314 | 299.367 | 299.511 | 299.780 | 299.851 | 21 |
| 22 | --- | --- | --- | --- | 299.751 | 299.502 | 299.469 | 299.333 | 299.380 | 299.520 | 299.777 | 299.818 | 22 |
| 23 | --- | --- | --- | 300.338A | 299.789 | 299.600 | 299.484 | 299.324 | 299.344 | 299.515 | 299.814 | 299.843 | 23 |
| 24 | --- | --- | --- | 300.345 | 299.763 | 299.672 | 299.443 | 299.302 | 299.326 | 299.530 | 299.828 | 299.740 | 24 |
| 25 | --- | --- | --- | 300.380 | 299.721 | 299.712 | 299.440 | 299.288 | 299.343 | 299.526 | 299.868 | 299.801 | 25 |
| 26 | --- | --- | --- | 300.212 | 299.714 | 299.757 | 299.412 | 299.285 | 299.324 | 299.526 | 299.875 | 300.003 | 26 |
| 27 | --- | --- | --- | 300.207 | 299.846 | 299.748 | 299.386 | 299.285 | 299.331 | 299.536 | 299.885 | 300.052 | 27 |
| 28 | --- | --- | --- | 300.276 | 299.824 | 299.731 | 299.351 | 299.287 | 299.363 | 299.549 | 299.921 | 299.976 | 28 |
| 29 | --- | | --- | 300.276 | 299.808 | 299.718 | 299.341 | 299.321 | 299.408 | 299.549 | 299.937 | 300.010 | 29 |
| 30 | --- | | --- | 300.290 | 299.822 | 299.824 | 299.370 | 299.333 | 299.418 | 299.618 | 299.987 | 300.005 | 30 |
| 31 | --- | | --- | | 299.887 | | 299.433 | 299.347 | | 299.612 | | 299.704 | 31 |
| MEAN | --- | --- | --- | --- | 299.798 | 299.546 | 299.458 | 299.381 | 299.371 | 299.493 | 299.722 | 299.954 | MEAN |
| MAX | --- | --- | --- | --- | 300.253 | 299.757 | 299.581 | 299.583 | 299.474 | 299.616 | 299.987 | 300.052 | MAX |
| MIN | --- | --- | --- | --- | 299.608 | 299.386 | 299.341 | 299.285 | 299.282 | 299.412 | 299.590 | 299.704 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 37 N
LONG 95 05 30 W

A - MANUAL GAUGE

MINIMUM DAILY, 299.285 ON AUG 26

REGULATED

DRAINAGE AREA
126 000 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)
APPLY -000.183 m ADJUSTMENT TO CONVERT TO ONTARIO HYDRO PROJECT DATUM

WINNIPEG RIVER AT MINAKI - STATION NO 05PE005

DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 315.98 | 316.02 | 316.04 | 316.02 | 316.05 | 315.95 | 315.91 | 315.90 | 315.79 | 315.81 | 315.88 | 315.96 | 1 |
| 2 | 315.95 | 316.02 | 316.04 | 316.01 | 316.06 | 315.94 | 315.92 | 315.90 | 315.79 | 315.82 | 315.89 | 315.96 | 2 |
| 3 | 316.00 | 316.01 | 316.03 | 316.02 | 316.08 | 315.93 | 315.90 | 315.92 | 315.79 | 315.81 | 315.90 | 315.96 | 3 |
| 4 | 316.00 | 316.01 | 316.03 | 316.02 | 316.07 | 315.93 | 315.91 | 315.90 | 315.80 | 315.79 | 315.91 | 315.92 | 4 |
| 5 | 315.99 | 316.01 | 316.04 | 316.00 | 316.04 | 315.94 | 315.92 | 315.88 | 315.79 | 315.80 | 315.92 | 315.96 | 5 |
| 6 | 315.98 | 316.03 | 316.04 | 316.01 | 316.02 | 315.93 | 315.92 | 315.87 | 315.81 | 315.79 | 315.90 | 315.95 | 6 |
| 7 | 315.98 | 316.01 | 316.04 | 316.01 | 316.04 | 315.94 | 315.93 | 315.85 | 315.82 | 315.79 | 315.91 | 315.95 | 7 |
| 8 | 315.98 | 316.01 | 316.05 | 316.02 | 316.04 | 315.91 | 315.93 | 315.83 | 315.81 | 315.79 | 315.92 | 315.97 | 8 |
| 9 | 315.98 | 316.00 | 316.03 | 316.02 | 316.03 | 315.92 | 315.92 | 315.83 | 315.78 | 315.79 | 315.92 | 315.98 | 9 |
| 10 | 315.97 | 316.01 | 316.02 | 316.01 | 316.03 | 315.92 | 315.93 | 315.84 | 315.78 | 315.77 | 315.91 | 315.99 | 10 |
| 11 | 315.97 | 316.00 | 316.00 | 315.99 | 316.01 | 315.94 | 315.92 | 315.87 | 315.76 | 315.76 | 315.92 | 316.04 | 11 |
| 12 | 315.97 | 315.99 | 316.00 | 316.00 | 316.00 | 315.92 | 315.92 | 315.88 | 315.76 | 315.74 | 315.92 | 316.01 | 12 |
| 13 | 315.96 | 315.99 | 316.00 | 316.02 | 316.01 | 315.93 | 315.93 | 315.89 | 315.75 | 315.74 | 315.95 | 316.03 | 13 |
| 14 | 315.96 | 315.98 | 316.01 | 316.05 | 316.00 | 315.92 | 315.93 | 315.86 | 315.72 | 315.73 | 315.98 | 316.00 | 14 |
| 15 | 315.95 | 315.99 | 316.00 | 316.06 | 316.01 | 315.91 | 315.92 | 315.83 | 315.74 | 315.73 | 316.01 | 316.01 | 15 |
| 16 | 315.95 | 315.99 | 316.00 | 316.08 | 316.01 | 315.90 | 315.93 | 315.84 | 316.72 | 315.76 | 316.03 | 316.00 | 16 |
| 17 | 315.95 | 316.00 | 316.00 | 316.08 | 316.01 | 315.91 | 315.93 | 315.82 | 315.72 | 315.76 | 316.04 | 316.00 | 17 |
| 18 | 315.95 | 316.00 | 316.01 | 316.07 | 316.00 | 315.93 | 315.95 | 315.82 | 315.73 | 315.82 | 316.04 | 316.02 | 18 |
| 19 | 315.96 | 316.00 | 316.00 | 316.08 | 316.00 | 315.92 | 315.94 | 315.77 | 315.73 | 315.85 | 316.04 | 316.01 | 19 |
| 20 | 315.96 | 315.99 | 316.01 | 316.09 | 315.99 | 315.92 | 316.93 | 315.81 | 315.73 | 315.85 | 316.05 | 316.01 | 20 |
| 21 | 315.96 | 315.99 | 316.02 | 316.04 | 316.00 | 315.93 | 315.93 | 315.84 | 315.74 | 315.84 | 316.04 | 315.99 | 21 |
| 22 | 315.96 | 316.01 | 316.02 | 316.03 | 315.97 | 315.96 | 315.93 | 315.81 | 315.74 | 315.84 | 316.03 | 315.97 | 22 |
| 23 | 315.96 | 316.03 | 316.02 | 316.02 | 315.93 | 315.96 | 315.94 | 315.83 | 315.75 | 315.84 | 316.02 | 315.99 | 23 |
| 24 | 315.94 | 316.03 | 316.03 | 316.03 | 315.93 | 315.92 | 315.92 | 315.83 | 315.78 | 315.83 | 316.02 | 315.98 | 24 |
| 25 | 315.96 | 316.03 | 316.04 | 316.02 | 315.92 | 315.92 | 315.91 | 315.84 | 315.77 | 316.84 | 316.00 | 315.98 | 25 |
| 26 | 315.96 | 316.03 | 316.04 | 316.05 | 315.93 | 315.90 | 315.94 | 315.85 | 315.79 | 315.85 | 315.99 | 315.97 | 26 |
| 27 | 315.97 | 316.03 | 316.04 | 316.06 | 315.95 | 315.90 | 315.94 | 315.85 | 315.81 | 315.85 | 315.97 | 316.01 | 27 |
| 28 | 315.98 | 316.03 | 316.02 | 316.06 | 315.96 | 315.93 | 315.95 | 315.81 | 315.81 | 315.84 | 315.97 | 316.00 | 28 |
| 29 | 316.00 | | 316.01 | 316.05 | 315.96 | 315.94 | 315.95 | 315.79 | 315.80 | 315.85 | 315.97 | 316.00 | 29 |
| 30 | 316.01 | | 316.01 | 316.05 | 315.96 | 315.93 | 315.93 | 315.78 | 315.80 | 315.84 | 315.93 | 315.97 | 30 |
| 31 | 316.01 | | 316.01 | | 315.93 | | 315.93 | 315.77 | | 315.85 | | 316.01 | 31 |
| MEAN | 315.97 | 316.01 | 316.02 | 316.04 | 316.00 | 315.93 | 315.93 | 315.84 | 315.77 | 315.81 | 315.97 | 315.98 | MEAN |
| MAX | 316.01 | 316.03 | 316.05 | 316.09 | 316.08 | 315.98 | 315.95 | 315.92 | 315.82 | 315.85 | 316.05 | 316.04 | MAX |
| MIN | 315.94 | 315.98 | 316.00 | 315.99 | 315.92 | 315.90 | 315.90 | 315.77 | 315.72 | 315.73 | 315.86 | 315.92 | MIN |

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 315.94
MAXIMUM DAILY 316.09 ON APR 20
MINIMUM DAILY 315.72 ON SEP 14

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 59 15 N
LONG 94 39 45 W
DATA CONTRIBUTED BY - ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO ONTARIO HYDRO PROJECT DATUM
APPLY +183 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

## WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE  STATION NO  05PE010

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 409 | 393 | 401 | 399 | 236 | 120 | 86.0 | 195 | 121 | 112 | 209 | 34 | |
| 2 | 372 | 419 | 410 | 373 | 79.0 | 185 | 110 | 26.0 | 122 | 134 | 172 | 317 | 2 |
| 3 | 405 | 405 | 410 | 377 | 89.0 | 131 | 61.0 | 111 | 127 | 141 | 236 | 380 | 3 |
| 4 | 402 | 404 | 380 | 409 | 165 | 154 | 55.0 | 104 | 140 | 172 | 213 | 367 | 4 |
| 5 | 402 | 408 | 401 | 373 | 193 | 97.0 | 111 | 106 | 122 | 126 | 233 | 283 | 5 |
| 6 | 403 | 382 | 397 | 373 | 127 | 167 | 71.0 | 107 | 110 | 139 | 290 | 311 | 6 |
| 7 | 406 | 402 | 402 | 374 | 106 | 168 | 87.0 | 124 | 155 | 121 | 191 | 331 | 7 |
| 8 | 404 | 409 | 410 | 388 | 145 | 150 | 92.0 | 121 | 119 | 156 | 250 | 325 | 8 |
| 9 | 405 | 392 | 471 | 421 | 193 | 124 | 84.0 | 118 | 199 | 156 | 240 | 370 | 9 |
| 10 | 403 | 407 | 400 | 422 | 161 | 161 | 109 | 58.0 | 145 | 156 | 215 | 257 | 10 |
| 11 | 404 | 431 | 410 | 396 | 187 | 158 | 97.0 | 123 | 176 | 157 | 243 | 278 | 11 |
| 12 | 409 | 391 | 390 | 350 | 144 | 180 | 85.0 | 113 | 161 | 164 | 226 | 334 | 12 |
| 13 | 414 | 423 | 407 | 344 | 152 | 148 | 95.0 | 157 | 152 | 129 | 159 | 282 | 13 |
| 14 | 412 | 401 | 372 | 345 | 171 | 160 | 117 | 179 | 172 | 175 | 226 | 306 | 14 |
| 15 | 401 | 371 | 435 | 361 | 98.0 | 128 | 84.0 | 137 | 140 | 106 | 238 | 296 | 15 |
| 16 | 378 | 402 | 403 | 373 | 222 | 112 | 81.0 | 186 | 182 | 101 | 243 | 334 | 16 |
| 17 | 403 | 405 | 397 | 331 | 135 | 0 | 34.0 | 133 | 113 | 109 | 291 | 306 | 17 |
| 18 | 401 | 409 | 408 | 352 | 135 | 113 | 114 | 171 | 128 | 164 | 280 | 242 | 18 |
| 19 | 412 | 399 | 393 | 286 | 146 | 125 | 114 | 153 | 81.0 | 126 | 299 | 337 | 19 |
| 20 | 402 | 426 | 385 | 436 | 171 | 26.0 | 88.0 | 10.0 | 74.0 | 212 | 283 | 367 | 20 |
| 21 | 408 | 390 | 413 | 411 | 169 | 75.0 | 82.0 | 167 | 80.0 | 175 | 310 | 365 | 21 |
| 22 | 395 | 373 | 410 | 318 | 218 | 19.0 | 142 | 140 | 71.0 | 204 | 302 | 328 | 22 |
| 23 | 403 | 403 | 406 | 360 | 206 | 192 | 73.0 | 110 | 69.0 | 199 | 292 | 349 | 23 |
| 24 | 430 | 405 | 410 | 367 | 138 | 87.0 | 131 | 126 | 57.0 | 161 | 307 | 361 | 24 |
| 25 | 372 | 410 | 420 | 315 | 184 | 128 | 35.0 | 132 | 48.0 | 189 | 352 | 261 | 25 |
| 26 | 382 | 407 | 420 | 320 | 119 | 114 | 75.0 | 107 | 50.0 | 194 | 301 | 389 | 26 |
| 27 | 379 | 400 | 408 | 324 | 151 | 4.00 | 85.0 | 137 | 74.0 | 183 | 305 | 326 | 27 |
| 28 | 378 | 410 | 450 | 307 | 135 | 42.0 | 77.0 | 188 | 114 | 193 | 384 | 384 | 28 |
| 29 | 383 | | 426 | 327 | 158 | 111 | 136 | 190 | 108 | 178 | 388 | 333 | 29 |
| 30 | 382 | | 420 | 308 | 186 | 113 | 110 | 183 | 87.0 | 308 | 343 | 339 | 30 |
| 31 | 403 | | 400 | | 159 | | 71.0 | 141 | | 186 | | 380 | 31 |
| TOTAL | 12 380 | 11 287 | 12 675 | 10 778 | 4 900.0 | 3 430.00 | 2 794.0 | 4 044.0 | 3 491.0 | 4 984 | 7 908 | 10 181 | TOTAL |
| MEAN | 399 | 403 | 409 | 359 | 158 | 114 | 88.8 | 130 | 115 | 160 | 284 | 328 | MEAN |
| MAX | 430 | 431 | 471 | 436 | 236 | 192 | 142 | 199 | 199 | 306 | 384 | 389 | MAX |
| MIN | 372 | 371 | 372 | 288 | 78.0 | 0 | 34.0 | 10.0 | 48.0 | 101 | 159 | 242 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 243
MAXIMUM DAILY, 471 ON MAR 9
MINIMUM DAILY, 0 ON JUN 17

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 07 00 N
LONG 94 52 19 W

REGULATED

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 070 000 | JUL | 238 000 |
| FEB | 975 000 | AUG | 349 000 |
| MAR | 1 100 000 | SEP | 298 000 |
| APR | 931 000 | OCT | 429 000 |
| MAY | 423 000 | NOV | 683 000 |
| JUN | 296 000 | DEC | 874 000 |

TOTAL DISCHARGE, 7 670 000 dam³

## WINNIPEG RIVER BELOW KENORA POWERHOUSE - STATION NO  05PE001

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 317.083 | 317.108 | 317.141 | 317.121 | 316.669 | 316.656 | 316.548 | 316.615 | 316.578 | 316.571 | 316.707 | 316.929 | 1 |
| 2 | 317.051 | 317.111 | 317.149 | 317.079 | 316.562 | 316.659 | 316.618 | 316.613 | 316.579 | 316.565 | 316.716 | 316.932 | 2 |
| 3 | 317.058 | 317.105 | 317.156 | 317.071 | 316.585 | 316.686 | 316.606 | 316.626 | 316.562 | 316.562 | 316.730 | 316.930 | 3 |
| 4 | 317.065 | 317.104 | 317.147 | 317.065 | 316.594 | 316.653 | 316.610 | 316.614 | 316.588 | 316.555 | 316.736 | 316.923 | 4 |
| 5 | 317.076 | 317.102 | 317.142 | 317.055 | 316.702 | 316.651 | 316.618 | 316.606 | 316.588 | 316.564 | 316.740 | 316.925 | 5 |
| 6 | 317.108 | 317.114 | 317.137 | 317.066 | 316.730 | 316.665 | 316.613 | 316.613 | 316.598 | 316.560 | 316.737 | 316.932 | 6 |
| 7 | 317.109 | 317.114 | 317.142 | 317.060 | 316.824 | 316.660 | 316.617 | 316.603 | 316.590 | 316.552 | 316.736 | 316.936 | 7 |
| 8 | 317.106 | 317.107 | 317.148 | 317.061 | 316.828 | 316.650 | 316.617 | 316.595 | 316.561 | 316.552 | 316.743 | 316.945 | 8 |
| 9 | 317.102 | 317.100 | 317.152 | 317.058 | 316.825 | 316.643 | 316.610 | 316.606 | 316.561 | 316.557 | 316.743 | 316.935 | 9 |
| 10 | 317.089 | 317.104 | 317.148 | 317.056 | 316.817 | 316.639 | 316.617 | 316.609 | 316.571 | 316.551 | 316.744 | 316.917 | 10 |
| 11 | 317.083 | 317.112 | 317.139 | 317.054 | 316.819 | 316.656 | 316.614 | 316.620 | 316.586 | 316.550 | 316.748 | 316.893 | 11 |
| 12 | 317.083 | 317.110 | 317.136 | 317.056 | 316.804A | 316.646 | 316.620 | 316.633 | 316.582 | 316.540 | 316.762 | 316.901 | 12 |
| 13 | 317.086 | 317.082 | 317.128 | 317.053 | 316.807E | 316.634 | 316.618 | 316.634 | 316.576 | 316.533 | 316.770 | 316.884 | 13 |
| 14 | 317.089 | 317.101 | 317.127 | 317.052 | 316.810A | 316.633 | 316.610 | 316.630 | 316.556 | 316.537 | 316.808 | 316.883 | 14 |
| 15 | 317.087 | 317.089 | 317.133 | 317.083 | 316.810 | 316.621 | 316.606 | 316.617 | 316.559 | 316.534 | 316.827 | 316.877 | 15 |
| 16 | 317.081 | 317.100 | 317.129 | 317.027 | 316.818 | 316.605 | 316.612 | 316.621 | 316.564 | 316.544 | 316.857 | 316.876 | 16 |
| 17 | 317.051 | 317.107 | 317.124 | 316.914 | 316.813 | 316.607 | 316.623 | 316.615 | 316.552 | 316.589 | 316.870 | 316.868 | 17 |
| 18 | 317.046 | 317.110 | 317.122 | 316.907 | 316.810 | 316.629 | 316.629 | 316.610 | 316.548 | 316.583 | 316.886 | 316.890 | 18 |
| 19 | 317.037 | 317.114 | 317.115 | 316.896 | 316.811 | 316.619 | 316.631 | 316.596 | 316.544 | 316.607 | 316.879 | 316.950 | 19 |
| 20 | 317.026 | 317.132 | 317.139 | 316.914 | 316.808 | 316.614 | 316.624 | 316.602 | 316.543 | 316.614 | 316.878 | 316.955 | 20 |
| 21 | 317.052 | 317.133 | 317.150 | 316.888 | 316.780 | 316.625 | 316.620 | 316.627 | 316.550 | 316.612 | 316.889 | 316.948 | 21 |
| 22 | 317.084 | 317.126 | 317.149 | 316.852 | 316.783 | 316.635 | 316.635 | 316.616 | 316.565 | 316.608 | 316.870 | 316.936 | 22 |
| 23 | 317.080 | 317.135 | 317.152 | 316.835 | 316.794 | 316.641 | 316.634 | 316.613 | 316.555 | 316.612 | 316.868 | 316.942 | 23 |
| 24 | 317.085 | 317.140 | 317.151 | 316.822A | 316.788 | 316.618 | 316.629 | 316.619 | 316.560 | 316.613 | 316.855 | 316.938 | 24 |
| 25 | 317.082 | 317.141 | 317.154 | 316.821A | 316.782 | 316.624 | 316.622 | 316.616 | 316.556 | 316.598 | 316.851 | 316.935 | 25 |
| 26 | 317.090 | 317.142 | 317.161 | 316.820A | 316.780 | 316.616 | 316.633 | 316.620 | 316.562 | 316.608 | 316.842 | 316.941 | 26 |
| 27 | 317.098 | 317.138 | 317.167 | 316.849A | 316.784 | 316.603 | 316.626 | 316.623 | 316.571 | 316.615 | 316.884 | 316.943 | 27 |
| 28 | 317.091 | 317.145 | 317.170 | 316.827A | 316.730 | 316.618 | 316.633 | 316.606 | 316.574 | 316.606 | 316.928 | 316.952 | 28 |
| 29 | 317.086 | | 317.175 | 316.836A | 316.656 | 316.627 | 316.633 | 316.596 | 316.577 | 316.659 | 316.936 | 316.946 | 29 |
| 30 | 317.107 | | 317.161 | 316.815A | 316.587 | 316.615 | 316.624 | 316.595 | 316.565 | 316.709 | 316.930 | 316.941 | 30 |
| 31 | 317.103 | | 317.150 | | 316.648 | | 316.621 | 316.581 | | 316.703 | | 316.952 | 31 |
| MEAN | 317.080 | 317.116 | 317.145 | 316.987 | 316.755 | 316.634 | 316.619 | 316.613 | 316.567 | 316.586 | 316.813 | 316.929 | MEAN |
| MAX | 317.109 | 317.145 | 317.175 | 317.121 | 316.828 | 316.665 | 316.635 | 316.634 | 316.596 | 316.709 | 316.936 | 316.955 | MAX |
| MIN | 317.026 | 317.082 | 317.115 | 316.815 | 316.562 | 316.603 | 316.548 | 316.581 | 316.543 | 316.533 | 316.707 | 316.868 | MIN |

### SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 316.817
MAXIMUM DAILY, 317.175 ON MAR 29
MINIMUM DAILY, 316.533 ON OCT 13
MAXIMUM INSTANTANEOUS,
317.178 AT 07.58 CST ON MAR 29

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 20 N
LONG 94 30 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

## WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO 05PE020

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 397 | 397 | 398 | 374 | 171 | 156 | 101 | 101 | 149 | 133 | 250 | 350 | 1 |
| 2 | 397 | 396 | 398 | 381 | 167 | 153 | 100 | 101 | 149 | 148 | 250 | 350 | 2 |
| 3 | 397 | 397 | 398 | 382 | 167 | 155 | 99.8 | 100 | 150 | 151 | 249 | 350 | 3 |
| 4 | 397 | 397 | 398 | 382 | 165 | 152 | 100 | 100 | 150 | 151 | 248 | 350 | 4 |
| 5 | 395 | 397 | 398 | 382 | 166 | 150 | 100 | 101 | 149 | 150 | 248 | 350 | 5 |
| 6 | 398 | 397 | 398 | 382 | 119 | 150 | 100 | 101 | 149 | 149 | 248 | 349 | 6 |
| 7 | 398 | 396 | 397 | 382 | 153 | 150 | 99.9 | 101 | 148 | 150 | 249 | 349 | 7 |
| 8 | 398 | 398 | 398 | 382 | 153 | 150 | 99.6 | 101 | 148 | 150 | 247 | 349 | 8 |
| 9 | 397 | 397 | 397 | 382 | 153 | 150 | 99.9 | 134 | 148 | 149 | 248 | 343 | 9 |
| 10 | 396 | 396 | 397 | 382 | 153 | 151 | 99.9 | 149 | 148 | 150 | 249 | 320 | 10 |
| 11 | 395 | 395 | 397 | 382 | 151 | 151 | 99.8 | 148 | 149 | 151 | 249 | 299 | 11 |
| 12 | 395 | 393 | 397 | 382 | 154 | 150 | 99.3 | 148 | 149 | 151 | 248 | 298 | 12 |
| 13 | 395 | 395 | 397 | 382 | 154 | 151 | 99.6 | 148 | 149 | 151 | 272 | 299 | 13 |
| 14 | 395 | 395 | 397 | 382 | 153 | 150 | 100 | 148 | 150 | 151 | 291 | 299 | 14 |
| 15 | 396 | 396 | 397 | 382 | 153 | 121 | 100 | 148 | 150 | 151 | 291 | 299 | 15 |
| 16 | 397 | 395 | 397 | 345 | 153 | 101 | 100 | 148 | 150 | 175 | 295 | 298 | 16 |
| 17 | 395 | 395 | 397 | 313 | 152 | 101 | 99.8 | 148 | 150 | 199 | 296 | 298 | 17 |
| 18 | 394 | 395 | 396 | 313 | 152 | 101 | 99.4 | 149 | 117 | 198 | 299 | 318 | 18 |
| 19 | 394 | 398 | 400 | 313 | 153 | 100 | 99.8 | 150 | 100 | 198 | 297 | 348 | 19 |
| 20 | 395 | 398 | 400 | 312 | 153 | 101 | 100 | 150 | 100 | 198 | 297 | 348 | 20 |
| 21 | 395 | 399 | 399 | 313 | 144 | 101 | 99.9 | 150 | 101 | 198 | 300 | 347 | 21 |
| 22 | 398 | 396 | 399 | 312 | 147 | 100 | 99.8 | 149 | 101 | 198 | 298 | 348 | 22 |
| 23 | 399 | 396 | 399 | 305 | 154 | 100 | 99.8 | 149 | 101 | 197 | 297 | 347 | 23 |
| 24 | 399 | 398 | 399 | 305 | 154 | 101 | 100 | 149 | 101 | 196 | 298 | 347 | 24 |
| 25 | 399 | 399 | 398 | 305 | 152 | 100 | 100 | 149 | 101 | 197 | 299 | 347 | 25 |
| 26 | 398 | 399 | 399 | 304 | 155 | 99.8 | 99.9 | 148 | 101 | 198 | 299 | 347 | 26 |
| 27 | 398 | 396 | 399 | 301 | 158 | 100 | 99.9 | 148 | 101 | 195 | 321 | 347 | 27 |
| 28 | 397 | 396 | 399 | 302 | 158 | 100 | 100 | 148 | 101 | 215 | 345 | 348 | 28 |
| 29 | 397 | | 400 | 300 | 156 | 99.7 | 100 | 150 | 101 | 248 | 344 | 347 | 29 |
| 30 | 397 | | 401 | 303 | 155 | 99.8 | 100 | 148 | 101 | 249 | 347 | 347 | 30 |
| 31 | 397 | | 399 | | 155 | | 101 | 148 | | 250 | | 346 | 31 |
| TOTAL | 12 298 | 11 110 | 12 343 | 10 086 | 4 543 | 3 748.4 | 3 097.9 | 4 216 | 3 892 | 5 944 | 8 487 | 10 382 | TOTAL |
| MEAN | 397 | 397 | 398 | 336 | 147 | 125 | 99.9 | 136 | 129 | 178 | 282 | 335 | MEAN |
| MAX | 399 | 399 | 401 | 374 | 171 | 156 | 101 | 150 | 150 | 250 | 347 | 350 | MAX |
| MIN | 394 | 393 | 396 | 300 | 108 | 99.7 | 99.3 | 100 | 100 | 133 | 248 | 298 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 246
MAXIMUM DAILY, 401 ON MAR 30
MINIMUM DAILY, 99.3 ON JUL 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE -
LOCATION - LAT 49 47 00 N
LONG 94 30 50 W
DRAINAGE AREA, 70 400 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 080 000 | JUL | 288 000 |
| FEB | 980 000 | AUG | 364 000 |
| MAR | 1 070 000 | SEP | 334 000 |
| APR | 871 000 | OCT | 479 000 |
| MAY | 393 000 | NOV | 732 000 |
| JUN | 324 000 | DEC | 897 000 |

TOTAL DISCHARGE, 7 750 000 dam³

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS THROUGH ALL LAKE OF THE WOODS OUTLETS

## WINNIPEG RIVER BELOW NORMAN DAM AND POWERHOUSE - STATION NO 05PE012

### DAILY WATER LEVEL IN METRES FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 316.976 | 317.008 | 317.018 | 316.979 | 316.676 | 316.398 | 316.333 | 316.334 | 316.284 | 316.284 | 316.497 | 316.620 | 1 |
| 2 | 316.969 | 317.008 | 317.019 | 316.961 | 316.535 | 316.400 | 316.393 | 316.325 | 316.273 | 316.300 | 316.510 | 316.619 | 2 |
| 3 | 316.974 | 317.004 | 317.012 | 316.929 | 316.514 | 316.407 | 316.337 | 316.358 | 316.282 | 316.269 | 316.531 | 316.625 | 3 |
| 4 | 316.973 | 316.999 | 317.005 | 316.926 | 316.500 | 316.398 | 316.327 | 316.336 | 316.279 | 316.256 | 316.504 | 316.615 | 4 |
| 5 | 316.971 | 316.983 | 317.007 | 316.921 | 316.471 | 316.390 | 316.337 | 316.306 | 316.282 | 316.285 | 316.552 | 316.612 | 5 |
| 6 | 316.981 | 317.000 | 317.007 | 316.922 | 316.471 | 316.393 | 316.332 | 316.314 | 316.286 | 316.280 | 316.542 | 316.620 | 6 |
| 7 | 316.979 | 317.001 | 317.015 | 316.926 | 316.500 | 316.403 | 316.384 | 316.299 | 316.302 | 316.263 | 316.537 | 316.623 | 7 |
| 8 | 316.977 | 316.996 | 317.027 | 316.927 | 316.508 | 316.391 | 316.355 | 316.278 | 316.293 | 316.263 | 316.556 | 316.630 | 8 |
| 9 | 316.980 | 316.980 | 317.020 | 316.932 | 316.507 | 316.382 | 316.340 | 316.311 | 316.281 | 316.281 | 316.585 | 316.636 | 9 |
| 10 | 316.974 | 316.994 | 317.004 | 316.929 | 316.494 | 316.378 | 316.348 | 316.317 | 316.278 | 316.256 | 316.543 | 316.784 | 10 |
| 11 | 316.988 | 316.982 | 316.998 | 316.928 | 316.488 | 316.404 | 316.352 | 316.341 | 316.287 | 316.261 | 316.541 | 316.784 | 11 |
| 12 | 316.988 | 316.988 | 316.991 | 316.927 | 316.454 | 316.398 | 316.384 | 316.289 | 316.259 | 316.235 | 316.547 | 316.770 | 12 |
| 13 | 316.986 | 316.988 | 316.991 | 316.934 | 316.462 | 316.390 | 316.359 | 316.378 | 316.263 | 316.213 | 316.597 | 316.783 | 13 |
| 14 | 316.970 | 316.985 | 316.993 | 316.947 | 316.482 | 316.392 | 316.348 | 316.358 | 316.225 | 316.216 | 316.674 | 316.791 | 14 |
| 15 | 316.987 | 316.980 | 316.992 | 316.962 | 316.487 | 316.352 | 316.334 | 316.329 | 316.234 | 316.204 | 316.698 | 316.788 | 15 |
| 16 | 316.964 | 316.983 | 316.987 | 316.983 | 316.484 | 316.314 | 316.338 | 316.345 | 316.224 | 316.283 | 316.742 | 316.788 | 16 |
| 17 | 316.980 | 316.986 | 316.986 | 316.913 | 316.478 | 316.317 | 316.357 | 316.331 | 316.222 | 316.313 | 316.784 | 316.738 | 17 |
| 18 | 316.985 | 316.987 | 316.984 | 316.904 | 316.484 | 316.361 | 316.382 | 316.325 | 316.200 | 316.355 | 316.781 | 316.787 | 18 |
| 19 | 316.971 | 316.980 | 316.988 | 316.894 | 316.459 | 316.342 | 316.370 | 316.295 | 316.180 | 316.383 | 316.787 | 316.847 | 19 |
| 20 | 316.970 | 316.991 | 316.992 | 316.916 | 316.452 | 316.329 | 316.348 | 316.305 | 316.178 | 316.403 | 316.789 | 316.852 | 20 |
| 21 | 316.969 | 316.987 | 316.999 | 316.890 | 316.477 | 316.349 | 316.358 | 316.352 | 316.189 | 316.391 | 316.751 | 316.852 | 21 |
| 22 | 316.973 | 316.995 | 316.998 | 316.880 | 316.438 | 316.365 | 316.368 | 316.335 | 316.183 | 316.387 | 316.752 | 316.837 | 22 |
| 23 | 316.978 | 316.998 | 317.007 | 316.880 | 316.394 | 316.380 | 316.366 | 316.336 | 316.203 | 316.388 | 316.758 | 316.842 | 23 |
| 24 | 316.972 | 317.002 | 317.014 | 316.880 | 316.386 | 316.384 | 316.364 | 316.343 | 316.209 | 316.387 | 316.741 | 316.844 | 24 |
| 25 | 316.987 | 317.004 | 317.025 | 316.844 | 316.378 | 316.382 | 316.343 | 316.347 | 316.213 | 316.372 | 316.732 | 316.834 | 25 |
| 26 | 316.970 | 317.002 | 317.023 | 316.859 | 316.370 | 316.347 | 316.384 | 316.382 | 316.234 | 316.392 | 316.720 | 316.834 | 26 |
| 27 | 316.982 | 317.011 | 317.026 | 316.872 | 316.393 | 316.328 | 316.385 | 316.358 | 316.255 | 316.403 | 316.744 | 316.844 | 27 |
| 28 | 316.985 | 317.008 | 317.027 | 316.856 | 316.406 | 316.367 | 316.373 | 316.330 | 316.268 | 316.412 | 316.806 | 316.851 | 28 |
| 29 | 316.992 | | 317.009 | 316.858 | 316.416 | 316.374 | 316.378 | 316.301 | 316.265 | 316.480 | 316.819 | 316.845 | 29 |
| 30 | 317.005 | | 317.002 | 316.844 | 316.420 | 316.349 | 316.355 | 316.316 | 316.247 | 316.500 | 316.816 | 316.837 | 30 |
| 31 | 317.004 | | 316.993 | | 316.382 | | 316.347 | 316.286 | | 316.485 | | 316.856 | 31 |
| MEAN | 316.975 | 316.995 | 317.006 | 316.906 | 316.450 | 316.369 | 316.352 | 316.329 | 316.244 | 316.327 | 316.682 | 316.814 | MEAN |
| MAX | 317.005 | 317.011 | 317.027 | 316.979 | 316.638 | 316.407 | 316.382 | 316.378 | 316.302 | 316.500 | 316.819 | 316.856 | MAX |
| MIN | 316.950 | 316.980 | 316.984 | 316.844 | 316.370 | 316.314 | 316.323 | 316.275 | 316.179 | 316.204 | 316.497 | 316.738 | MIN |

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MEAN, 316.618
MAXIMUM DAILY, 317.027 ON MAR 8
MINIMUM DAILY, 316.179 ON SEP 20
MAXIMUM INSTANTANEOUS,
317.036 AT 22:13 CST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 15 N
LONG 94 31 25 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

## WOLF RIVER AT HIGHWAY NO 17 - STATION NO 02AC001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.95 B | 0.760B | 1.11B | 3.00 | 3.20 | 4.23 | 0.857 | 0.679 | 1.55 | 1.43 | 3.53 | 2.988 | 1 |
| 2 | 1.94 B | 0.850B | 1.11B | 2.90 | 3.07 | 4.27 | 0.862 | 0.712 | 1.53 | 1.59 | 3.85 | 2.908 | 2 |
| 3 | 1.92 B | 0.950B | 1.10B | 2.69 | 2.93 | 3.92 | 0.880 | 0.757 | 1.38 | 1.47 | 3.45 | 2.838 | 3 |
| 4 | 1.91 B | 1.06 B | 1.10B | 2.57 | 2.74 | 3.63 | 0.845 | 0.749 | 1.32 | 1.54 | 3.47 | 2.778 | 4 |
| 5 | 1.90 B | 1.12 B | 1.10B | 2.50 | 2.59 | 3.60 | 0.813 | 0.707 | 1.44 | 1.67 | 3.40 | 2.688 | 5 |
| 6 | 1.89 B | 1.12 B | 1.08B | 2.51 | 2.54 | 3.40 | 0.813 | 0.696 | 1.46 | 1.92 | 3.26 | 2.638 | 6 |
| 7 | 1.88 B | 1.11 B | 1.09B | 2.74 | 2.37 | 3.37 | 0.806 | 0.724 | 1.74 | 1.83 | 3.13 | 2.588 | 7 |
| 8 | 1.86 B | 1.10 B | 1.09B | 3.23 | 2.22 | 3.32 | 0.803 | 0.710 | 1.88 | 1.95 | 3.12 | 2.538 | 8 |
| 9 | 1.85 B | 1.06 B | 1.08B | 4.28 | 2.21 | 3.13 | 0.805 | 0.710 | 2.03 | 2.54 | 2.96 | 2.498 | 9 |
| 10 | 1.84 B | 1.02 B | 1.08B | 5.43 | 1.97 | 3.03 | 0.775 | 0.704 | 2.26 | 2.72 | 2.81 | 2.438 | 10 |
| 11 | 1.82 B | 0.985B | 1.07B | 6.16 | 1.96 | 2.86 | 0.758 | 0.689 | 2.69 | 2.86 | 2.77 | 2.408 | 11 |
| 12 | 1.81 B | 0.950B | 1.07B | 6.56 | 1.81 | 2.86 | 0.780 | 0.805 | 3.10 | 3.10 | 2.71 | 2.378 | 12 |
| 13 | 1.79 B | 0.925B | 1.07B | 6.47 | 1.73 | 2.71 | 0.779 | 0.868 | 3.30 | 3.15 | 2.72 | 2.338 | 13 |
| 14 | 1.76 B | 0.905B | 1.08B | 6.11 | 1.88 | 2.55 | 0.747 | 0.920 | 3.26 | 3.20 | 2.64 | 2.308 | 14 |
| 15 | 1.66 B | 0.900B | 1.08B | 5.72 | 1.72 | 2.25 | 0.728 | 1.15 | 3.19 | 3.12 | 2.58 | 2.278 | 15 |
| 16 | 1.42 B | 0.915B | 1.09B | 5.34 | 1.82 | 2.07 | 0.886 | 1.96 | 3.11 | 3.50 | 2.86 | 2.238 | 16 |
| 17 | 0.950B | 0.870B | 1.09B | 5.09 | 2.02 | 1.85 | 0.719 | 2.85 | 2.80 | 4.14 | 3.14 | 2.198 | 17 |
| 18 | 0.611 | 1.03 B | 1.10B | 4.94 | 1.88 | 1.76 | 0.723 | 4.04 | 2.62 | 5.19 | 3.33 | 2.158 | 18 |
| 19 | 0.456 | 1.10 B | 1.11B | 4.62 | 2.04 | 1.63 | 0.787 | 5.58 | 2.43 | 5.12 | 3.58 | 2.088 | 19 |
| 20 | 0.441 | 1.12 B | 1.12B | 4.81 | 2.15 | 1.63 | 0.770 | 6.39 | 2.36 | 6.22 | 3.85 | 2.038 | 20 |
| 21 | 0.425 | 1.13 B | 1.13B | 4.67 | 2.31 | 1.28 | 0.733 | 6.34 | 2.26 | 5.95 | 4.33 | 1.988 | 21 |
| 22 | 0.425B | 1.13 B | 1.14B | 4.37 | 3.08 | 1.21 | 0.788 | 5.86 | 2.17 | 5.56 | 4.02 | 1.928 | 22 |
| 23 | 0.436B | 1.13 B | 1.17B | 4.35 | 3.91 | 1.20 | 0.911 | 4.67 | 2.07 | 5.18 | 3.83 | 1.878 | 23 |
| 24 | 0.450B | 1.12 B | 1.20B | 4.10 | 5.61 | 1.10 | 0.911 | 4.18 | 1.88 | 4.77 | 3.74 | 1.808 | 24 |
| 25 | 0.465B | 1.12 B | 1.71 | 3.24 | 6.39 | 1.08 | 0.864 | 3.84 | 1.87 | 4.30 | 3.628 | 1.748 | 25 |
| 26 | 0.485B | 1.12 B | 2.01 | 3.61 | 6.32 | 1.16 | 0.886 | 3.13 | 1.75 | 4.14 | 3.508 | 1.678 | 26 |
| 27 | 0.518B | 1.11 B | 2.34 | 3.78 | 5.82 | 1.08 | 0.793 | 2.78 | 1.58 | 4.04 | 3.278 | 1.608 | 27 |
| 28 | 0.554B | 1.11 B | 2.78 | 3.40 | 5.48 | 1.01 | 0.737 | 2.43 | 1.52 | 3.45 | 3.258 | 1.528 | 28 |
| 29 | 0.600B | | 2.86 | 3.49 | 5.18 | 0.954 | 0.705 | 2.18 | 1.55 | 3.80 | 3.178 | 1.478 | 29 |
| 30 | 0.645B | | 3.18 | 3.35 | 4.84 | 0.911 | 0.689 | 2.05 | 1.45 | 3.63 | 3.068 | 1.418 | 30 |
| 31 | 0.700B | | 3.13 | | 4.73 | | 0.668 | 1.83 | | 3.54 | | 1.378 | 31 |
| TOTAL | 37.379 | 28.940 | 44.68 | 126.44 | 98.62 | 88.875 | 24.382 | 71.570 | 64.17 | 108.30 | 88.51 | 67.54 | TOTAL |
| MEAN | 1.21 | 1.03 | 1.44 | 4.21 | 3.18 | 3.30 | 0.787 | 2.31 | 2.14 | 3.49 | 3.28 | 2.18 | MEAN |
| MAX | 1.95 | 1.13 | 3.18 | 6.56 | 6.39 | 4.27 | 0.911 | 6.39 | 3.30 | 6.22 | 4.33 | 2.98 | MAX |
| MIN | 0.425 | 0.760 | 1.07 | 2.50 | 1.72 | 0.911 | 0.668 | 0.679 | 1.32 | 1.43 | 2.58 | 1.37 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.30
MAXIMUM DAILY, 6.56 ON APR 12
MINIMUM DAILY, 0.425 ON JAN 21
MAXIMUM INSTANTANEOUS,
6.69 AT 11:37 EST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 19 N
LONG 88 32 07 W
DRAINAGE AREA, 736 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 230 | JUL | 3 110 |
| FEB | 2 500 | AUG | 6 180 |
| MAR | 3 850 | SEP | 5 540 |
| APR | 10 900 | OCT | 9 360 |
| MAY | 8 540 | NOV | 6 510 |
| JUN | 6 550 | DEC | 5 840 |

TOTAL DISCHARGE, 72 500 dam³

## WYE CREEK NEAR THORNDALE - STATION NO 02GD013

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.309 | 0.063B | 0.900B | 1.02 | 0.088 | 0.588 | 0.012 | 0 | 0.002 | 0.012 | 0.018 | 0.511 | 1 |
| 2 | 0.287 | 0.058B | 3.80 B | 0.914 | 0.082 | 0.403 | 0.010 | 0.014 | 0.004 | 0.018 | 0.019 | 0.350 | 2 |
| 3 | 0.280B | 0.054B | 3.00 B | 0.988 | 0.081 | 0.241 | 0.019 | 0.017 | 0.002 | 0.012 | 0.021 | 0.287 | 3 |
| 4 | 0.230B | 0.051B | 2.20 B | 1.33 | 0.084 | 0.181 | 0.026 | 0.006 | 0.002 | 0.008 | 0.018 | 0.255 | 4 |
| 5 | 0.210B | 0.048B | 1.80 B | 6.13 | 0.048 | 0.134 | 0.013 | 0.003 | 0.001 | 0.006 | 0.017 | 0.215 | 5 |
| 6 | 0.220 | 0.050B | 1.90 B | 3.88 | 0.047 | 0.103 | 0.013 | 0.002 | 0.001 | 0.004 | 0.021 | 0.191 | 6 |
| 7 | 0.210 | 0.054B | 5.15 | 1.78 | 0.045 | 0.085 | 0.010 | 0.001 | 0 | 0.005 | 0.024 | 0.167 | 7 |
| 8 | 0.188 | 0.060B | 7.85 | 0.874 | 0.043 | 0.144 | 0.008 | 0.002 | 0 | 0.010 | 0.088 | 0.188 | 8 |
| 9 | 0.186 | 0.052B | 4.82 | 0.556 | 0.041 | 0.081 | 0.012 | 0.093 | 0 | 0.011 | 0.088 | 1.11 | 9 |
| 10 | 0.193 | 0.048B | 1.70 B | 0.417 | 0.038 | 0.080 | 0.017 | 0.036 | 0 | 0.011 | 0.062 | 1.04 | 10 |
| 11 | 0.175 | 0.044B | 0.800B | 0.324 | 0.037 | 0.083 | 0.011 | 0.012 | 0 | 0.008 | 0.039 | 0.643 | 11 |
| 12 | 0.185 | 0.040B | 0.500B | 0.501 | 0.035 | 0.053 | 0.008 | 0.007 | 0 | 0.018 | 0.031 | 0.793 | 12 |
| 13 | 0.148 | 0.039B | 0.402 | 0.849 | 0.032 | 0.041 | 0.053 | 0.005 | 0.008 | 0.017 | 0.028 | 0.865 | 13 |
| 14 | 0.171 | 0.038B | 0.344 | 0.582 | 0.041 | 0.036 | 0.110 | 0.004 | 0.008 | 0.013 | 0.024 | 0.480 | 14 |
| 15 | 1.00 | 0.037B | 0.365 | 0.448 | 0.083 | 0.034 | 0.043 | 0.003 | 0.003 | 0.014 | 0.020 | 1.91 | 15 |
| 16 | 0.817 | 0.038B | 0.425 | 0.336 | 0.034 | 0.025 | 0.023 | 0.002 | 0.002 | 0.018 | 0.020 | 1.79 | 16 |
| 17 | 0.544B | 0.038B | 0.435 | 0.286 | 0.027 | 0.023 | 0.012 | 0.002 | 0.006 | 0.018 | 0.022 | 0.868 | 17 |
| 18 | 0.415 | 0.034B | 0.502 | 0.245 | 0.034 | 0.019 | 0.010 | 0.001 | 0.007 | 0.014 | 0.025 | 0.639 | 18 |
| 19 | 0.320B | 0.033B | 0.609 | 0.204 | 0.035 | 0.017 | 0.008 | 0.002 | 0.006 | 0.012 | 0.023 | 0.583 | 19 |
| 20 | 0.270B | 0.032B | 0.577 | 0.173 | 0.036 | 0.019 | 0.006 | 0.001 | 0.005 | 0.011 | 0.025 | 6.82 | 20 |
| 21 | 0.210B | 0.034B | 0.537 | 0.158 | 0.031 | 0.018 | 0.003 | 0 | 0.018 | 0.013 | 0.029 | 5.15 | 21 |
| 22 | 0.170B | 0.037B | 0.484 | 0.139 | 0.031 | 0.020 | 0.002 | 0.003 | 0.007 | 0.018 | 0.021 | 1.81 | 22 |
| 23 | 0.150B | 0.035B | 0.462 | 0.134 | 0.028 | 0.024 | 0.003 | 0.002 | 0.002 | 0.026 | 0.030 | 1.02 | 23 |
| 24 | 0.130B | 0.033B | 0.424 | 0.111 | 0.023 | 0.019 | 0.002 | 0.001 | 0.007 | 0.036 | 0.062 | 0.838 | 24 |
| 25 | 0.114B | 0.032B | 0.378 | 0.090 | 0.023 | 0.016 | 0.002 | 0 | 0.003 | 0.057 | 2.28 | 2.68 | 25 |
| 26 | 0.100B | 0.036B | 0.356 | 0.084 | 0.024 | 0.015 | 0.002 | 0 | 0.006 | 0.026 | 3.02 | 1.20 | 26 |
| 27 | 0.090B | 0.070B | 0.321 | 0.094 | 0.022 | 0.013 | 0.001 | 0.010 | 0.010 | 0.082 | 0.883 | 0.897 | 27 |
| 28 | 0.085B | 0.140B | 0.287 | 0.107 | 0.019 | 0.014 | 0.001 | 0.011 | 0.012 | 0.078 | 0.581 | 0.478 | 28 |
| 29 | 0.078B | | 0.305 | 0.094 | 0.022 | 0.015 | 0 | 0.009 | 0.011 | 0.038 | 0.609 | 0.3258 | 29 |
| 30 | 0.072B | | 1.87 | 0.079 | 0.600 | 0.012 | 0 | 0.005 | 0.015 | 0.031 | 0.703 | 0.2408 | 30 |
| 31 | 0.067B | | 1.57 | | 3.95 | | 0 | 0.004 | | 0.024 | | 0.1858 | 31 |
| TOTAL | 7.685 | 1.323 | 44.463 | 22.853 | 5.673 | 2.569 | 0.440 | 0.256 | 0.144 | 0.668 | 8.785 | 34.060 | TOTAL |
| MEAN | 0.248 | 0.047 | 1.43 | 0.762 | 0.183 | 0.086 | 0.014 | 0.008 | 0.005 | 0.022 | 0.292 | 1.10 | MEAN |
| MAX | 1.00 | 0.140 | 7.85 | 6.13 | 3.95 | 0.588 | 0.110 | 0.093 | 0.015 | 0.082 | 3.02 | 6.82 | MAX |
| MIN | 0.067 | 0.032 | 0.287 | 0.079 | 0.018 | 0.012 | 0 | 0 | 0 | 0.004 | 0.016 | 0.167 | MIN |

### SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.363
MAXIMUM DAILY, 7.85 ON MAR 8
MINIMUM DAILY, 0 ON JUL 29
MAXIMUM INSTANTANEOUS,
13.7 AT 17:20 EST ON DEC 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 30 N
LONG 81 08 03 W
DRAINAGE AREA, 38.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 884 | JUL | 38.0 |
| FEB | 114 | AUG | 22.3 |
| MAR | 3 840 | SEP | 12.4 |
| APR | 1 970 | OCT | 57.7 |
| MAY | 490 | NOV | 756 |
| JUN | 222 | DEC | 2 940 |

TOTAL DISCHARGE, 11 100 dam³

## WYE RIVER NEAR WYEVALE - STATION NO. 02ED013

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.25 | 0.685 | 0.920 B | 5.53 | 0.581 | 0.472 | 0.332 | 0.166 | 0.256 | 0.324 | 0.612 | 3.12 | 1 |
| 2 | 1.20 | 0.670 | 1.50 B | 4.84 | 0.504 | 0.422 | 0.286 | 0.191 | 0.188 | 0.333 | 0.537 | 1.87 | 2 |
| 3 | 1.10 B | 0.641 | 2.10 B | 5.22 | 0.441 | 0.707 | 0.274 | 0.250 | 0.188 | 0.279 | 0.606 | 1.34 | 3 |
| 4 | 1.04 B | 0.810 | 2.01 B | 5.28 | 0.399 | 0.581 | 0.284 | 0.238 | 0.173 | 0.263 | 0.774 | 1.15 | 4 |
| 5 | 0.986 | 0.700 | 1.85 B | 11.0 | 0.369 | 0.504 | 0.282 | 0.205 | 0.189 | 0.288 | 1.08 | 0.966 | 5 |
| 6 | 0.930 | 0.826 | 1.75 B | 6.57 | 0.349 | 0.484 | 0.264 | 0.201 | 0.188 | 0.292 | 1.37 | 0.811 | 6 |
| 7 | 0.924 | 0.783 | 2.15 B | 5.25 | 0.337 | 0.589 | 0.258 | 0.192 | 0.184 | 0.379 | 1.16 | 0.703 | 7 |
| 8 | 0.875 | 0.741 | 4.27 | 3.45 | 0.327 | 0.922 | 0.258 | 0.206 | 0.200 | 0.521 | 2.21 | 0.708 | 8 |
| 9 | 0.838 | 0.8108 | 5.85 | 2.80 | 0.338 | 0.758 | 0.264 | 0.221 | 0.212 | 0.528 | 3.46 | 1.33 | 9 |
| 10 | 0.840 | 0.8508 | 3.00 B | 2.12 | 0.318 | 0.617 | 0.243 | 0.267 | 0.199 | 0.510 | 1.93 | 2.06 | 10 |
| 11 | 0.822 | 0.7808 | 2.35 B | 1.84 | 0.320 | 0.506 | 0.233 | 0.252 | 0.207 | 0.512 | 1.32 | 1.56 | 11 |
| 12 | 0.795 | 0.7408 | 2.05 B | 1.52 | 0.395 | 0.551 | 0.229 | 0.228 | 0.209 | 0.503 | 1.14 | 1.33 | 12 |
| 13 | 0.806 | 0.7108 | 1.91 | 1.34 | 0.375 | 0.578 | 0.227 | 0.217 | 0.225 | 0.528 | 1.03 | 1.52 | 13 |
| 14 | 0.817 | 0.6988 | 1.58 | 1.13 | 0.349 | 0.499 | 0.281 | 0.193 | 0.236 | 0.491 | 0.928 | 1.55 | 14 |
| 15 | 0.862 | 0.6858 | 1.39 | 1.08 | 0.430 | 0.446 | 0.337 | 0.231 | 0.213 | 0.474 | 0.842 | 1.31 | 15 |
| 16 | 0.8108 | 0.6758 | 1.28 | 0.843 | 0.380 | 0.407 | 0.285 | 0.245 | 0.218 | 0.488 | 0.784 | 1.29 | 16 |
| 17 | 0.7508 | 0.6708 | 1.34 | 0.862 | 0.345 | 0.391 | 0.230 | 0.226 | 0.208 | 0.474 | 0.757 | 1.16 | 17 |
| 18 | 0.7108 | 0.6808 | 1.86 | 0.786 | 0.318 | 0.372 | 0.198 | 0.222 | 0.210 | 0.631 | 0.825 | 1.09 | 18 |
| 19 | 0.6808 | 0.6558 | 2.44 | 0.738 | 0.308 | 0.360 | 0.212 | 0.201 | 0.198 | 0.692 | 0.783 | 1.08 | 19 |
| 20 | 0.6508 | 0.6558 | 3.56 | 0.868 | 0.303 | 0.344 | 0.848 | 0.202 | 0.185 | 0.837 | 0.763 | 1.20 | 20 |
| 21 | 0.6258 | 0.6808 | 4.98 | 1.27 | 0.282 | 0.329 | 0.478 | 0.190 | 0.175 | 0.684 | 0.855 | 2.38 | 21 |
| 22 | 0.6008 | 0.6908 | 7.17 | 2.28 | 0.317 | 0.306 | 0.300 | 0.234 | 0.310 | 0.787 | 0.818 | 2.11 | 22 |
| 23 | 0.5808 | 0.7708 | 8.62 | 2.10 | 0.345 | 0.297 | 0.280 | 0.262 | 0.225 | 1.01 | 0.585 | 1.64 | 23 |
| 24 | 0.5708 | 0.7808 | 9.99 | 1.87 | 0.327 | 0.278 | 0.236 | 0.228 | 0.181 | 0.958 | 0.842 | 1.46 | 24 |
| 25 | 0.5808 | 0.7508 | 10.4 | 1.32 | 0.305 | 0.265 | 0.220 | 0.211 | 0.130 | 1.24 | 0.700 | 3.18 | 25 |
| 26 | 0.5308 | 0.7308 | 11.5 | 1.19 | 0.305 | 0.259 | 0.208 | 0.206 | 0.123 | 0.884 | 0.722 | 3.88 | 26 |
| 27 | 0.6158 | 0.7408 | 8.07 | 0.923 | 0.339 | 0.254 | 0.189 | 0.211 | 0.125 | 0.870 | 0.772 | 2.12 | 27 |
| 28 | 0.6508 | 0.7808 | 5.93 | 1.02 | 0.317 | 0.286 | 0.182 | 0.205 | 0.256 | 1.20 | 0.712 | 1.52 B | 28 |
| 29 | 0.6908 | | 4.62 | 0.862 | 0.281 | 0.316 | 0.172 | 0.218 | 0.250 | 1.03 | 1.87 | 1.10 B | 29 |
| 30 | 0.7408 | | 7.70 | 0.587 | 0.271 | 0.348 | 0.178 | 0.215 | 0.283 | 0.873 | 4.71 | 0.8008 | 30 |
| 31 | 0.8108 | | 7.73 | | 0.261 | | 0.179 | 0.244 | | 0.712 | | 0.820 | 31 |
| TOTAL | 24.702 | 20.921 | 132.720 | 77.911 | 10.834 | 13.850 | 8.198 | 8.778 | 6.115 | 19.363 | 34.731 | 48.028 | TOTAL |
| MEAN | 0.797 | 0.747 | 4.28 | 2.60 | 0.349 | 0.462 | 0.264 | 0.219 | 0.204 | 0.624 | 1.16 | 1.55 | MEAN |
| MAX | 1.25 | 0.885 | 11.5 | 11.0 | 0.581 | 0.922 | 0.848 | 0.267 | 0.310 | 1.24 | 4.71 | 3.88 | MAX |
| MIN | 0.580 | 0.658 | 0.920 | 0.587 | 0.261 | 0.254 | 0.172 | 0.165 | 0.123 | 0.263 | 0.537 | 0.703 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.11
MAXIMUM DAILY, 11.5 ON MAR 25
MINIMUM DAILY, 0.123 ON SEP 26
MAXIMUM INSTANTANEOUS,
12.6 AT 08 50 EST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 58 N
LONG 79 54 18 W
DRAINAGE AREA, 118 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 130 | JUL | 708 |
| FEB | 1 810 | AUG | 586 |
| MAR | 11 500 | SEP | 528 |
| APR | 6 730 | OCT | 1 670 |
| MAY | 936 | NOV | 3 000 |
| JUN | 1 200 | DEC | 4 150 |

TOTAL DISCHARGE, 34 900 dam³

REMARKS - STATION ACTIVATED OCT 21 1986 REPLACES STATION NO. 02ED011

## YORK RIVER NEAR BANCROFT - STATION NO. 02KD002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.31 | 6.718 | 5.608 | 80.5 | 17.6 | 11.4 | 6.29 | 4.84 | 3.37 | 0.385 | 1.12 | 13.1 | 1 |
| 2 | 8.21 | 6.708 | 5.608 | 82.0 | 16.3 | 10.9 | 5.85 | 4.82 | 3.17 | 0.383 | 1.11 | 16.0 | 2 |
| 3 | 8.10 | 6.658 | 5.608 | 81.5 | 15.2 | 10.1 | 5.66 | 4.75 | 2.82 | 0.345 | 1.12 | 15.6 | 3 |
| 4 | 8.108 | 6.608 | 5.608 | 85.3 | 13.8 | 9.54 | 5.89 | 4.74 | 2.24 | 0.343 | 2.26 | 16.7 | 4 |
| 5 | 8.008 | 6.528 | 5.758 | 70.2 | 13.7 | 9.88 | 5.88 | 4.78 | 1.70 | 0.430 | 3.04 | 16.5 | 5 |
| 6 | 7.808 | 6.448 | 5.708 | 78.7 | 13.5 | 9.74 | 5.80 | 4.78 | 1.18 | 0.840 | 3.65 | 15.9 | 6 |
| 7 | 7.708 | 6.358 | 5.658 | 80.4 | 13.2 | 9.33 | 5.55 | 4.54 | 1.62 | 0.880 | 3.99 | 15.2 | 7 |
| 8 | 7.608 | 6.258 | 5.648 | 81.9 | 11.7 | 9.13 | 5.40 | 4.54 | 1.08 | 1.27 | 4.04 | 14.8 | 8 |
| 9 | 7.508 | 6.158 | 5.638 | 77.4 | 10.0 | 10.5 | 5.37 | 4.44 | 1.03 | 1.27 | 4.13 | 14.7 | 9 |
| 10 | 7.408 | 6.308 | 5.628 | 75.1 | 9.38 | 10.3 | 5.38 | 4.50 | 1.18 | 1.16 | 4.07 | 15.3 | 10 |
| 11 | 7.308 | 6.408 | 5.618 | 70.2 | 8.68 | 9.84 | 5.45 | 4.42 | 1.20 | 1.08 | 3.73 | 15.5 | 11 |
| 12 | 7.208 | 6.308 | 5.608 | 61.0 | 7.70 | 9.83 | 5.25 | 4.65 | 1.24 | 0.991 | 3.68 | 15.6 | 12 |
| 13 | 7.108 | 6.208 | 5.598 | 48.5 | 7.92 | 9.71 | 5.26 | 4.27 | 1.27 | 0.946 | 1.70 | 15.7 | 13 |
| 14 | 7.058 | 6.108 | 5.588 | 31.6 | 7.71 | 9.38 | 6.10 | 4.48 | 1.24 | 3.58 | 1.75 | 15.7 | 14 |
| 15 | 7.048 | 6.008 | 5.578 | 15.4 | 8.44 | 9.30 | 6.01 | 4.48 | 3.16 | 1.23 | 1.95 | 16.4 | 15 |
| 16 | 7.028 | 5.998 | 5.568 | 16.4 | 8.18 | 8.87 | 5.84 | 3.70 | 1.51 | 1.05 | 3.23 | 19.2 | 16 |
| 17 | 7.008 | 5.988 | 5.558 | 10.4 | 9.07 | 9.11 | 5.57 | 3.80 | 1.34 | 0.992 | 2.87 | 20.1 | 17 |
| 18 | 6.988 | 5.978 | 5.548 | 10.6 | 8.72 | 7.87 | 5.28 | 4.47 | 1.40 | 0.994 | 3.14 | 22.4 | 18 |
| 19 | 6.968 | 5.968 | 5.538 | 11.3 | 8.27 | 7.46 | 5.30 | 4.47 | 1.34 | 0.981 | 3.93 | 21.4 | 19 |
| 20 | 6.948 | 5.958 | 5.538 | 11.5 | 7.82 | 7.81 | 5.32 | 4.46 | 1.44 | 1.10 | 4.55 | 20.9 | 20 |
| 21 | 6.928 | 5.788 | 5.538 | 13.2 | 7.86 | 7.24 | 5.30 | 4.46 | 1.56 | 1.04 | 4.92 | 20.7 | 21 |
| 22 | 6.908 | 5.698 | 5.538 | 15.2 | 8.02 | 6.81 | 5.24 | 4.47 | 1.47 | 0.942 | 4.81 | 20.1 | 22 |
| 23 | 6.888 | 5.638 | 5.91 | 14.1 | 8.27 | 6.51 | 5.27 | 4.38 | 1.42 | 1.00 | 4.58 | 19.3 | 23 |
| 24 | 6.868 | 5.568 | 6.38 | 10.9 | 8.02 | 6.67 | 4.96 | 3.81 | 1.40 | 1.06 | 4.81 | 12.2 | 24 |
| 25 | 6.848 | 5.588 | 9.22 | 11.6 | 7.55 | 5.44 | 4.83 | 3.32 | 1.30 | 1.28 | 5.48 | 13.7 | 25 |
| 26 | 6.828 | 5.608 | 13.0 | 11.4 | 7.50 | 5.43 | 4.78 | 3.25 | 1.18 | 1.36 | 5.78 | 13.7 | 26 |
| 27 | 6.808 | 5.608 | 23.0 | 11.1 | 7.67 | 5.60 | 4.79 | 3.41 | 1.04 | 1.43 | 6.30 | 13.3 | 27 |
| 28 | 6.788 | 5.608 | 31.2 | 12.1 | 8.58 | 5.46 | 4.84 | 3.40 | 0.756 | 1.35 | 6.99 | 13.1 | 28 |
| 29 | 6.768 | | 36.8 | 15.4 | 9.32 | 5.35 | 3.63 | 3.20 | 0.506 | 1.27 | 8.61 | 12.78 | 29 |
| 30 | 6.748 | | 42.5 | 18.0 | 10.2 | 5.92 | 5.11 | 3.10 | 0.367 | 1.19 | 10.4 | 12.18 | 30 |
| 31 | 6.728 | | 56.0 | | 10.5 | | 4.92 | 3.27 | | 1.13 | | 11.48 | 31 |
| TOTAL | 224.33 | 170.53 | 348.13 | 1 131.9 | 311.19 | 247.74 | 166.22 | 139.82 | 45.479 | 33.021 | 121.84 | 498.0 | TOTAL |
| MEAN | 7.24 | 6.09 | 11.3 | 37.7 | 10.0 | 8.26 | 5.36 | 4.19 | 1.52 | 1.07 | 4.06 | 16.1 | MEAN |
| MAX | 8.31 | 6.71 | 56.0 | 81.9 | 17.6 | 11.4 | 6.29 | 4.84 | 3.37 | 3.58 | 10.4 | 22.4 | MAX |
| MIN | 6.72 | 5.56 | 5.53 | 10.4 | 7.50 | 5.35 | 3.63 | 3.10 | 0.367 | 0.343 | 1.11 | 11.4 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.40
MAXIMUM DAILY, 81.9 ON APR 8
MINIMUM DAILY, 0.343 ON OCT 4
MAXIMUM INSTANTANEOUS,
82.8 AT 08 21 EST ON APR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 08 N
LONG 77 50 42 W
DRAINAGE AREA, 837 km²

B ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 19 400 | JUL | 14 400 |
| FEB | 14 700 | AUG | 11 200 |
| MAR | 30 200 | SEP | 3 930 |
| APR | 97 800 | OCT | 2 850 |
| MAY | 26 900 | NOV | 10 500 |
| JUN | 21 400 | DEC | 43 100 |

TOTAL DISCHARGE, 295 000 dam³

| NAME | STATION NO | PAGE |
|---|---|---|
| ABITIBI RIVER AT ABITIBI CANYON | 04ME002 | 1 |
| ABITIBI RIVER AT IROQUOIS FALLS | 04MC001 | 1 |
| ABITIBI RIVER AT ONAKAWANA | 04ME003 | 2 |
| ABITIBI RIVER AT OTTER RAPIDS | 04ME004 | 2 |
| ABITIBI RIVER AT TWIN FALLS | 04MC002 | 3 |
| ALBANY RIVER ABOVE NOTTIK ISLAND | 04GD001 | 3 |
| ALBANY RIVER NEAR HAT ISLAND | 04HA001 | 4 |
| ALDER CREEK NEAR NEW DUNDEE | 02GA030 | 4 |
| AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK | 02JE019 | 5 |
| ANCASTER CREEK AT ANCASTER | 02HB021 | 5 |
| ASHEWEIG RIVER AT STRAIGHT LAKE | 04DB001 | 6 |
| ATIKOKAN RIVER AT ATIKOKAN | 05PB018 | 6 |
| ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE | 04FB001 | 7 |
| ATTAWAPISKAT RIVER BELOW MUKETEI RIVER | 04FC001 | 7 |
| AUBINADONG RIVER ABOVE SESABIC CREEK | 02CB003 | 8 |
| AUSABLE RIVER NEAR EXETER | 02FF009 | 8 |
| AUSABLE RIVER NEAR SPRINGBANK | 02FF002 | 9 |
| AUX SABLES RIVER AT MASSEY | 02CE002 | 9 |
| AVON RIVER BELOW STRATFORD | 02GD018 | 10 |
| BASSWOOD RIVER NEAR WINTON | 05PA012 | 10 |
| BATCHAWANA RIVER NEAR BATCHAWANA | 02BF001 | 11 |
| BAYFIELD RIVER NEAR VARNA | 02FF007 | 11 |
| BEAR BROOK NEAR BOURGET | 02LB008 | 12 |
| BEAR CREEK BELOW BRIGDEN | 02GG009 | 12 |
| BEAR CREEK NEAR PETROLIA | 02GG006 | 13 |
| BEATTY SAUGEEN RIVER NEAR HOLSTEIN | 02FC017 | 13 |
| BEAVER CREEK NEAR MARMORA | 02HK006 | 14 |
| BEAVER RIVER NEAR CLARKSBURG | 02FB009 | 14 |
| BEAVERTON RIVER NEAR BEAVERTON | 02EC011 | 15 |
| BERENS RIVER ABOVE BERENS LAKE | 05RC001 | 15 |
| BERRY CREEK AT THE OUTLET OF BERRY LAKE | 05PD028 | 16 |
| BIG CARP RIVER NEAR SAULT STE. MARIE | 02BF004 | 16 |
| BIG CREEK NEAR DELHI | 02GC005 | 17 |
| BIG CREEK NEAR WALSINGHAM | 02GC007 | 17 |
| BIG OTTER CREEK ABOVE OTTERVILLE | 02GC017 | 18 |
| BIG OTTER CREEK AT TILLSONBURG | 02GC010 | 18 |
| BIG OTTER CREEK NEAR CALTON | 02GC028 | 19 |
| BIG TROUT LAKE AT TROUT LAKE | 04CE001 | 19 |
| BIGHEAD RIVER NEAR MEAFORD | 02FB010 | 20 |
| BLACK CREEK BELOW ACTON | 02HB024 | 20 |
| BLACK CREEK NEAR WESTON | 02HC027 | 21 |
| BLACK RIVER AT BALDWIN | 02EC006 | 21 |
| BLACK RIVER NEAR ACTINOLITE | 02HL003 | 22 |
| BLACK RIVER NEAR MARATHON | 02BB002 | 22 |
| BLACK RIVER NEAR WASHAGO | 02EC002 | 23 |
| BLACK STURGEON RIVER AT HIGHWAY NO. 17 | 02AC002 | 23 |
| BLACKWATER RIVER AT BEARDMORE | 02AD010 | 24 |
| BLANCHE RIVER ABOVE ENGLEHART | 02JC004 | 24 |
| BLOOMFIELD CREEK AT BLOOMFIELD | 02ME001 | 25 |
| BLUE JAY CREEK NEAR TENKUMMAH | 02CC003 | 25 |
| BLUE SPRINGS CREEK NEAR EDEN MILLS | 02GA031 | 26 |
| BLYTH BROOK BELOW BLYTH | 02FE014 | 26 |
| BOB CREEK NEAR MINDEN | 02MF004 | 27 |
| BONNECHERE RIVER NEAR CASTLEFORD | 02KC009 | 27 |
| BOWMANVILLE CREEK AT BOWMANVILLE | 02HD006 | 28 |
| BRIGHTSAND RIVER AT WOBERLEY | 04GB005 | 28 |
| BRONTE CREEK NEAR ZIMMERMAN | 02HB011 | 29 |
| BURNLEY CREEK ABOVE WARKWORTH | 02HK009 | 29 |
| BURNT RIVER NEAR BURNT RIVER | 02MF003 | 30 |
| CANAGAGIGUE CREEK NEAR ELMIRA | 02GA023 | 30 |
| CANARD RIVER NEAR LUKERVILLE | 02GH003 | 31 |
| CARP RIVER NEAR KINBURN | 02KF011 | 31 |
| CARRICK CREEK NEAR CARLSRUHE | 02FC011 | 32 |
| CASTOR RIVER AT RUSSELL | 02LB006 | 32 |
| CAT RIVER BELOW WESLEYAN LAKE | 04GA002 | 33 |
| CATARAQUI RIVER AT CHAFFEYS LOCKS | 02MA002 | 33 |
| CATFISH CREEK AT AYLMER | 02GC030 | 34 |
| CATFISH CREEK NEAR SPARTA | 02GC018 | 34 |
| CEDAR CREEK AT WOODSTOCK | 02GD011 | 35 |
| CEDAR CREEK NEAR HEMLO | 02BB004 | 35 |
| CEDAR RIVER BELOW WABASKANG LAKE | 05QE006 | 36 |
| CHIPPEWA CREEK AT NORTH BAY | 02DD014 | 36 |
| CHUKUNI RIVER NEAR EAR FALLS | 05QC001 | 37 |
| CLYDE RIVER AT GORDON RAPIDS | 02KF013 | 37 |
| CLYDE RIVER NEAR LANARK | 02KF010 | 38 |
| COLD CREEK AT ORLAND | 02HK007 | 38 |
| COLD CREEK NEAR BOLTON | 02HC023 | 39 |
| COLDWATER RIVER AT COLDWATER | 02ED007 | 39 |
| COLLINS CREEK NEAR KINGSTON | 02HM006 | 40 |
| COMMANDA CREEK NEAR COMMANDA | 02DD015 | 40 |
| CONESTOGO RIVER ABOVE DRAYTON | 02GA039 | 41 |
| CONESTOGO RIVER AT GLEN ALLAN | 02GA028 | 41 |
| CONISTON CREEK ABOVE WANAPITEI RIVER | 02DB007 | 42 |
| CONSECON CREEK AT ALLISONVILLE | 02HE002 | 42 |
| CREDIT RIVER ALTON BRANCH ABOVE ALTON | 02HB019 | 43 |
| CREDIT RIVER AT BOSTON MILLS | 02HB014 | 43 |
| CREDIT RIVER AT ERINDALE | 02HB002 | 44 |
| CREDIT RIVER ERIN BRANCH ABOVE ERIN | 02HB020 | 44 |
| CREDIT RIVER NEAR CATARACT | 02HB001 | 45 |
| CREDIT RIVER NEAR ORANGEVILLE | 02HB013 | 45 |
| CREDIT RIVER WEST BRANCH AT NORVAL | 02HB008 | 46 |
| CROWE RIVER AT MARMORA | 02HK003 | 46 |
| CROWE RIVER NEAR GLEN ALDA | 02HK005 | 47 |
| DEPOT CREEK AT BELLROCK | 02HM002 | 47 |
| DETROIT RIVER AT AMHERSTBURG | 02GH004 | 48 |
| DETROIT RIVER AT LA SALLE | 02GH007 | 48 |
| DINGMAN CREEK BELOW LAMBETH | 02GE005 | 49 |
| DON RIVER AT TODMORDEN | 02HC024 | 49 |
| DON RIVER AT YORK MILLS | 02HC005 | 50 |
| DUFFINS CREEK ABOVE PICKERING | 02HC019 | 50 |
| DUFFINS CREEK AT PICKERING | 02HC006 | 51 |
| EAGLE RIVER AT EAGLE RIVER | 05QD003 | 51 |
| EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT | 02LB012 | 52 |
| EAST HUMBER RIVER AT KING CREEK | 02HC032 | 52 |
| EAST HUMBER RIVER NEAR PINE GROVE | 02HC009 | 53 |
| EAST OAKVILLE CREEK NEAR OMAGH | 02HB004 | 53 |
| EAST RIVER NEAR HUNTSVILLE | 02EB013 | 54 |
| EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER | 02KA010 | 54 |
| EELS CREEK BELOW APSLEY | 02HM001 | 55 |
| EKWAN RIVER BELOW NORTH WASHAGAMI RIVER | 04EA001 | 55 |
| ENGLISH RIVER AT CARIBOU FALLS | 05QE005 | 56 |
| ENGLISH RIVER AT EAR FALLS | 05QE004 | 56 |
| ENGLISH RIVER AT MANITOU FALLS | 05QE007 | 57 |
| ENGLISH RIVER AT UMFREVILLE | 05QA002 | 57 |
| ERAMOSA RIVER ABOVE GUELPH | 02GA029 | 58 |

| NAME | STATION NO | PAGE |
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| ETOBICOKE CREEK AT BRAMPTON | 02HC017 | 58 |
| ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY | 02HC030 | 59 |
| EYE RIVER NEAR COULSON LAKE NORTH OF ATIKOKAN | 05PB022 | 59 |
| EYE RIVER NEAR HARDTACK LAKE NORTH OF ATIKOKAN | 05PB021 | 60 |
| FAIRCHILD CREEK NEAR BRANTFORD | 02GB007 | 60 |
| FALL RIVER NEAR FALLBROOK | 02KF014 | 61 |
| FAREWELL CREEK AT OSHAWA | 02HD014 | 61 |
| FAWN RIVER BELOW BIG TROUT LAKE | 04CE002 | 62 |
| FISH CREEK NEAR PROSPECT HILL | 02GD010 | 62 |
| FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM | 04MD002 | 63 |
| FREDERICK HOUSE RIVER AT WIGHTHAWK LAKE | 04MD003 | 63 |
| FRENCH LAKE NEAR ATIKOKAN | 05PA010 | 64 |
| FRENCH RIVER AT CHAUDIERE DAM | 02DD017 | 64 |
| FRENCH RIVER AT DRY PINE BAY | 02DD010 | 65 |
| FRENCH RIVER AT LAKE NIPISSING | 02DD007 | 65 |
| FRENCH RIVER AT PORTAGE DAM | 02DD018 | 66 |
| GANARASKA RIVER ABOVE DALE | 02HD012 | 66 |
| GANARASKA RIVER NEAR OSACA | 02HD003 | 67 |
| GOULAIS RIVER NEAR SEARCHMONT | 02BF002 | 67 |
| GRAHAM CREEK AT NEPEAN | 02KF015 | 68 |
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